



“ HAXANE INDIA “
Company Brochure 2025-26
Made in India

Part – II Scientific Instruments



CE- AN ISO 9001-2015 Certified Company



HAXANE INSTRUMENTS INDIA PVT. LTD.

Manufacturer, Exporter & Importer

Head Office: 55, Bansdroni Govt. Colony, Kolkata-700 070, W.B. India.

Ph. No :+91 9874528572/6291980926

Email id : maniksarkar.haxa@gmail.com

**Workshop: Ramkrishna Para, Dist. Darjeeling,
Siliguri-734010, W.B. India**

www.haxaneindia.com

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Microprocessor pH Meter

Content Code- 01-HIN

Technical Specifications:

Model-HPM-205-IN

PARAMETER	pH	mV	Temp
RANGE	-2.000 to 20.000 pH	0 to ± 1999.9 mV	-5 to 110 °C
RESOLUTION	0.1, 0.01, 0.001 pH (Selectable)	0.1 mV & 0.01 mV	0.1 °C
ACCURACY	± 0.002 pH ± 1 digit	± 0.1 mV ± 1 digit	± 0.1 °C
READ OUT	128 x 64 dots Graphical LCD Display		
CALIBRATION	5 Point Calibration Auto & Manual		
AUTO BUFFER RECOGNITION	1.680, 4.000, 7.000, 9.200 & 12.450 (User Defined)		
RELATIVE STABILITY	± 0.002 pH/Hour		
TEMP. COMPENSATION	-5 to 110 °C Auto/Manual		
SENSOR	Semi Conductor Type		
POWER SUPPLY	230V $\pm 10\%$ AC		
PRINTER INTERFACE	External Serial RS232 Dot Matrix Printer Interface		
ACCESSORIES	Combination pH Electrode, Temperature Probe, Buffer Tablets 4 pH & 7pH, & 9.18 Electrode Stand		

Standard Accessories : pH Electrode <> Temp. Probe <> Electrode Stand <> Mains Lead <> Instruction Manual <> Dust Cover.

Silent Feature : Programmable Microprocessor system with Graphical Display <> pH , mV with Auto Temp. Compensation <> 1000 Nos Sample Storage facility <> Printer Attachment System available <> PC attachment through us (Optional)

Technical Specifications under go to Change without notice period.



MICRO, SMALL & MEDIUM ENTERPRISES HAXANE Instruments India Pvt. Ltd.

सूक्ष्म, लघु एवं मध्यम उद्यम

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Content Code - 02-HIN

Microprocessor pH Meter

Model – HPM-145-iN

Technical Specifications:

PARAMETER	pH	mV	Temp
Range	0.00 to 14.00	0 to 1999.9	0-100 °C
Resolution	0.01	0.1	0.1 °C
Accuracy	±0.01 (±1 digit)	±0.1	±0.1 °C
Calibration	5 Point Calibration Auto/Manual		
Temperature Compensation	-5 °C to - 110 °C		
AUTO BUFFER	4.00, 7.00 , 9.20 pH		
Storage	Up to 1000 Sample		
Key Board	5 soft Touch Membrane Key		
Display	Graphical LCD , 128 x 64 dots		
Interface	USB		
Power	220V - 240V AC, 50-60Hz		

Standard Accessories : Combination pH Electrode <> Temp. Probe <> Electrode Stand <> Mains Lead <> Dust Cover<>Instruction Manual <>pH Buffer Tablets 4 pH & 7pH, & 9.18

Silent Feature : Programmable Microprocessor system with Graphical Display <> pH , mV with Auto Temp. Compensation <> 1000 Nos Sample Storage facility <> Printer Attachment System available <> PC attachment through us

Technical Specifications under go to Change without notice period.



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Content Code – 02A-HIN

Microprocessor pH Meter

Technical Specifications:

Model – HPM-146-iN

PARAMETER	pH	mV	Temp
Range	0.00 to 14.00	0 to 1999.9	0-100 °C
Resolution	0.01	0.1	0.1 °C
Accuracy	±0.01 (±1 digit)	±0.1	±0.1 °C
Calibration	3 Point Calibration Auto/Manual NIST USA		
Temperature Compensation	-5 °C to - 110 °C		
AUTO BUFFER	4.00, 7.00 , 9.20 pH		
Storage	Up to 1000 Sample		
Key Board	5 soft Touch Membrane Key		
Display	Graphical LCD , 128 x 64 dots		
Interface	USB		
Power	220V - 240V AC, 50-60Hz		

Standard Accessories : Combination pH Electrode <> Temp. Probe <> Electrode Stand <> Mains Lead <> Dust Cover<>Instruction Manual <>pH Buffer Tablets 4 pH & 7pH, & 9.18

Silent Feature : Programmable Microprocessor system with Graphical Display <> pH , mV with Auto Temp. Compensation <> 1000 Nos Sample Storage facility <> Printer Attachment System available <> PC attachment through us

Technical Specifications under go to Change without notice period.



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Microprocessor pH Meter

Model – HPM-143-iN

Content Code-03-HIN

Technical Specifications:

PARAMETER	pH	mV	Temp
Range	0.00 to 14.00	- 1999 mV to +1999 mV	0-100 °C
Resolution	0.01	1	0.1 °C
Accuracy	±0.1	±1mV & +- = 1Digit	±0.2 °C %
Calibration	3 Point Calibration Auto/Manual (User Selectable)		
Temperature Compensation , /Input type	Automatic with temperature probe & manual by keys . / Pt 100		
AUTO BUFFER	4.00, 7.00 , 9.20 pH (automatic)		
Storage	Up to 100 Sample		
Key Board	soft Touch Membrane Keys		
Display / Display Format	16 x 2 alphanumeric LCD / pH , Temp & ORP / mV simultaneously Display		
Error Indication	pH error , buffer error , ORP error		
Power	230V - 240V +_ 10% AC, 50-60Hz		

<> **Standard Accessories** : pH Electrode <> Temp. Probe <> Electrode Stand <> Mains Lead <> Instruction Manual <> Dust Cover.

Silent Feature : Programmable Microprocessor system <> pH , mV with Auto Temp. Compensation <> 100 Nos Sample Storage facility <> Microprocessor Based pH/mV/ Temp. Meter

Technical Specifications under go to Change without notice period.



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Microprocessor Touch Screen pH Meter

Content Code-04-HIN

Model – HPM-205T-iN

Technical Specifications:

Model	HPM-205 T- iN
pH Range	pH: - 2.00 to 20.00 pH , ± 2000 mV
pH Resolution	0.1, 0.01, 0.001 pH; 0.1,0.01 mV
pH Accuracy (@25°C/77°F)	±0.1 pH, ±0.01 pH, ±0.002 pH ±1 LSD; ±0.2 mV ±1 LSD
pH Calibration	automatic, up to five point calibration, (1.68, 4.01, 7.01, 9.18, 12.45)
Readout	5-inch-high sensitive touch screen display
pH Temperature Compensation	automatic or manual from -10.0 to 110.0 °C
Temperature Range	-10.0 to 110.0 °C, -4.0 to 248.0 °F,
Temperature Resolution	0.1 °C, 0.1 °F,
Temperature Accuracy	±0.2 °C, ±0.4 °F, ±0.2 K
pH Electrode	Highly sensitive glass body pH electrode with BNC connector and 1 m (3.3') cable (included)
Temperature Probe	stainless steel temperature probe with 1 m (3.3') cable (included)
Power Supply	12 VDC adapter (included)
Environment	0 to 50°C (32 to 122°F; 273 to 323 K), RH max 95% non-condensing
Dimensions	160 x 231 x 94 mm
Weight	1.2 kg (2.64 lbs.)
Standard Accessories	HPM-205T-iN is supplied with pH electrode, Temperature probe, Electrode holder, pH 4.01 buffer solution Capsule, pH 7.01 buffer solution Capsule, pH 9.18 buffer solution Capsule <> Dust Cover<>12 VDC adapter and instructions manual .

5 Inch touch screen with high resolution and sensitivity, >Measure pH, ORP and Temperature.>Auto buffer recognition facility.> Auto sensor check facility.>5-point calibration facility.>Next calibration alarm with date. > Meet GLP norms.>Password protected data login facility.>PC attachment through USB.> 1000 data storing facility with file name. Can set up pH measurement modes of high purity water and pure water with ammonia to meet the requirements of power, petrochemical and other industries.

Technical Specifications under go to Change without notice period.



Haxane Instruments India Pvt. Ltd.



Digital pH, mV & Temp. Meter

Content Code : 05-HIN

Model: HPM-142-iN

TECHNICAL SPECIFICATIONS :

PARAMETER	<>	pH	mV
<> RANGE	<>	0.00 to 14.00 pH	0 to 1999.9 mV
<> RESOLUTION	<>	0.01pH	1 Mv
<> ACCURACY	<>	±0.01 pH	± 1mV
<> DISPLAY	<>	3 1/2 Digit LED	
<> TEMP COMPENSATION	<>	Manual: 0 to 100 1C (ATC Optional)	
<> INPUT IMPEDANCE	<>	> 10 ohms	
<> SLOPE CONTROL	<>	80 to 120%	
<> RECORDER OUTPUT	<>	0 to 10 mV/pH Adjustable, 0 to 10 mV/100 mV Adjustable	
<> POWER	<>	230 V ±10% AC, 50Hz	
<> DIMENSIONS	<>	276 x176x 76 cm. (Lx Bx H)	
<> SENSOR	<>	Combined pH Electrode	

Standard Accessories : Combination pH Electrode <>pH Buffer Tablets 4 pH & 7 pH<>
Operation Manual<> Electrode Stand <> Mains Lead <> Instruction Manual <> Dust Cover
Silent Feature : Feather touch Button <> Temp. Probe (Optional)

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Content Code : 06-HIN **Digital Conductivity Temp. Meter**

TECHNICAL SPECIFICATIONS: **Model: HCM-150-iN**

DISPLAY	3½ Digit LED
MEASUREMENT	Conductivity
COND. RANGES	Five Ranges , 1.0 µS to 1000 mS
RANGE SELECTION	Automatic in 5 Ranges
TEMP RANGE	-5 to 110 °C
ACCURACY	
COND.	±0.5% FS ± 1 DIGIT
TEMP	±0.1 °C ± 1 DIGIT
TEMPERATURE COMPENSATION	Auto 0 to 50 °C (ATC Optional)
CELL CONSTANT	Adjustable on Digital Display
MEASURING CELL	Platinum DIP Type
CELL CONST. MEASUREMENT	Auto
POWER	230V± 10% AC
DIMENSIONS	272x202x82 mm (LXBXH)
WEIGHT	1.3 Kg approx.
ACCESSORIES	Conductivity Cell (Standard 1.0), Operation Manual. Dust Cover, Cell Stand, Temperature probe (Optional)

Technical Specifications under go to Change without notice period.



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Microprocessor TDS-COND- Meter

Content Code : 07-HIN

Model – HCM-202-IN

Technical Specifications:

PARAMETER	Conductivity	TDS	Type	Temp
Display Function	TDS /EC /Temperature Simultaneously& Microprocessor Based			
Range	1.0 to1000 mS Auto ranging	1.0 to 1000 ppt Auto ranging		0-100 °C
Temperature	0-100 °C			
Resolution	0.1 µS	0.1 ppm		0.1 °C
Accuracy	± 0.5% FS of range	±0.5% FS of range		±0.1 °C
Cell Const	Adjustable 0.05 to 9.99			
Temp Comp Coeff	Automatic			
Measuring Cell	Platinum DIP Type			
Key Board	5 soft Touch Membrane Key			
Display	16x2 Alphanumeric			
Dimensions	278 x 188 x 95 mm (Approx.)			
Weight	1.5 kg (Approx.)			
Power	220V - 240V AC, 50-60Hz			

Standard Accessories : Cond. Cell (Standard 1.0), <> Temp. Probe <> Cell Stand <> Mains Lead <> Instruction Manual <> Dust Cover.

Silent Feature : Programmable Ref. Temp. Coeff. In EC Mode <> EC, TDS, & Temp. Measurements with Auto Temp. Compensation & Auto Ranging faculty. Hexane TDS meter is used to indicate the total dissolved solids (TDS) of the solution i.e. the concentration of dissolved Solid Particles. <> Dissolved ionized solids such as salts & minerals increase the electrical conductivity (EC) of the solution can be used to measure the TDS.

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Microprocessor COND-TDS-SAL Meter

Content Code : 08-HIN

Technical Specifications: **Model – HCM-201-iN**

PARAMETER	Conductivity	TDS	Salinity	Temp
Range	0-20 , 0-200 μ S 0-2,0-20,0-200 mS	0-20, 0-200ppm 0-20,0-200ppt	0-20,0-200ppm 0-0,2-20,0-5ppt	0-100 °C
Range Sel.	Automatic			
Resolution	0.01 mS	0.01 ppm	0.1 ° C	----
Accuracy	$\pm 0.5\%FS \pm 1$ Digit	$\pm 0.5\%FS \pm 1$ Digit	$\pm 1\% FS \pm 1$ Digit	± 0.1 °C
Cell Const	Adjustable (0.05-9.99)			
Temp Comp	Auto/Manual (0-50 °C)			
Temp Coeff	Adjustable (0.1 - 4.0%)			
Storage	Up to 1000 Sample			
Key Board	5 soft Touch Membrane Key			
Display	Graphical LCD , 128 x 64 dots			
Interface	USB			
Power	220V - 240V AC, 50-60Hz			

Standard Accessories : Cond. Cell (Standard 1.0) <> Temp. Probe <> Electrode Stand <> Dust Cover <> Mains Lead <> Instruction Manual.

Silent Feature : Programmable Ref. Temp. Coeff. In EC Mode with Graphical Display <> EC, TDS, Salinity & Temp. Measurements with Auto Temp. Compensation & Auto Ranging faculty <> 1000 Nos Sample Storage facility <> Printer Attachment System (Optional).

Technical Specifications under go to Change without notice period.



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Microprocessor COND-TDS Meter

Content Code : 08 A-HIN

Technical Specifications: **Model – HCM-204-iN**

PARAMETER	Conductivity	TDS	Temp
Range	0-20 , 0-200 μ S 0-2,0-20,0-200 mS	0-20, 0-200ppm 0-20,0-200ppt	0-100 °C
Range Sel.	Automatic		
Resolution	0.01 mS	0.01 ppm	----
Accuracy	$\pm 0.5\%FS \pm 1$ Digit	$\pm 0.5\%FS \pm 1$ Digit	± 0.1 °C
Cell Const	Adjustable (0.05-9.99)		
Temp Comp	Auto/Manual (0-50 °C)		
Temp Coeff	Adjustable (0.1 - 4.0%)		
Storage	Up to 1000 Sample		
Key Board	5 soft Touch Membrane Key		
Display	Graphical LCD , 128 x 64 dots		
Interface	USB		
Power	220V - 240V AC, 50-60Hz		

Standard Accessories : Cond. Cell (Standard 1.0) <> Temp. Probe <> Electrode Stand <> Mains Lead <> KcL. 14.13 mS/cm, 84 mS/cm , 12.88 mS/ cm Instruction Manual.

Silent Feature : Programmable Ref. Temp. Coeff. In EC Mode <> Display LCD <> EC, TDS, & Temp. Measurements with Auto Temp. Compensation & Auto Ranging faculty <> 1000 Nos Sample Storage facility <> Printer Attachment System (Optional).

Technical Specifications under go to Change without notice period.



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Microprocessor Touch Screen COND-TDS-SAL Meter

Content Code : 09-HIN

Model – HCM-203T-IN

Technical Specifications:

PARAMETER	EC	TDS	SALINITY	TEMP
RANGE SEL	Automatic			-----
RANGE	0-20 , 0-200Sµs 0-2ms,0- 20ms,0-200ms	0-20,0- 200ppm 0-20,0- 200ppt	0-20,0-200ppm 0-0,2-20,0-5ppt	0-100 °C
ACCURACY	± 0.5%FS±1Digit	±0.5%FS±1Dig it	±1% FS± 1Digit	±0.1 °C
RESOLUTION	0.01 mS	0.01 ppm	0.1 ° C	
CELL CONST	Adjustable (0.05-9.99)			
TEMP COMP	Auto/Manual (0-50 °C)			
TEMP COEFF	Adjustable (0.1 - 4.0%)			
READOUT	Touch screen LCD Display			
KEY BOARD	Fully controlled by touch			
PRINTER	USB Interface			
STORAGE	1000 Samples			
POWER	12v DC			
ACCESSORIES	Cond./TDS/Salinity Cell of 1.0K, Temperature Probe, Electrode Stand, 12V DC power adaptor, Dust Cover, Instruction Manual			

Silent Feature: 5Inch touch screen with high resolution and sensitivity>Combined and Separate measurement facility cond. TDS. Sal. and temp.6 auto ranges>Auto sensor check facility.>5-point calibration facility 1 for each range.>Meet GLP norms.> Password protected data and login facility.>PC attachment through USB.> 1000 data storing facility with file name.

Technical Specifications under go to Change without notice period.



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Microprocessor pH – COND-TDS-SAL Meter

Content Code : 10-HIN

Model: HMP-144-iN

TECHNICAL SPECIFICATIONS :

Function	pH OR mV & temperature simultaneously
Display	16-character x 2 lines Alphanumeric BL LCD
Power supply	230 V ± 10% 50 Hz AC
pH	
Range	0 to 14 pH
Resolution	0.01 pH
Accuracy	±0.01 pH
Slope adjustment	± 1 digit 80% to 120% By default 100%
Temp. Compensation	0 to 100 °C Auto with temp probe / Manual with keys
Auto buffer recognition	4.00 pH. 7.00 pH. 9.20 pH
Calibration	5 point (Programmable)
Conductivity-TDS-SAL	
Range	Conductivity 1.0 µS to 1000 mS Auto ranging / TDS 0.0 ppm to 1000 ppt Auto ranging / SAL 0.0 ppt to 50 ppt Auto ranging
Resolution	Conductivity 0.1 µS on the lowest range TDS 0.1 ppm SAL 0.2 ppt
Accuracy	± 0.5% of range S 1 digit
Measuring Cell	Platinum DIP Type
Temp. Compensation	0 to 100°C Automatic with temp probe
Temperature	
Range	-50.0°C to 200 °C
Resolution	0.1 C
Accuracy	± 0.1% of range ±1 digit
Calibration	two-point manual
Sensors	Pt 100 probe
Data entry	By six soft touch keys with audible sound
Storage	1000 samples
Real time display	24 Hour mode with Date
Interface	USB
Print format	All Data & Date Wise (Programmable)
Error Indication	pH ERROR. ORP ERROR. CAL ERROR & T-ERROR (pH Electrode <>Instruction Manual<>Buffer Solutions<>Dust cover<> Electrode stand <>Temp probe pH Electrode <>Instruction Manual<>Buffer Solutions<>Dust cover<> Electrode)
ACCESSORIES:-	stand <>Temp probe.

Technical Specifications under go to Change without notice period.



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DIGITAL TDS METER

Content Code : 11-HIN

Model-HTS-100-iN

TECHNICAL SPECIFICATIONS:

DISPLAY	3½ Digit LED
MEASUREMENT	TDS
TDS. RANGES	0 – 1000 ppt
RANGE SELECTION	Automatic in 5 Ranges
TEMP. RANGE	±5 to 110 °C
ACCURACY of TDS.	±0.5% FS ± 1 DIGIT
TEMP	±0.1 °C ± 1 DIGIT
TEMPERATURE COMPENSATION	Auto: 0 to 50 °C Manual: 0 to 50 °C
CELL CONSTANT	Adjustable on Digital Display
MEASURING CELL	Platinum DIP Type
CELL CONST	Auto
MEASUREMENT	TDS
POWER	230V± 10% AC
DIMENSIONS	272x202x82 mm (LxBxH)
WEIGHT	1.1 Kg approx.
ACCESSORIES	Conductivity Cell (Standard 1.0), Operation Manual, Dust Cover, Cell Stand,

Technical Specifications under go to Change without notice period.



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MICROPROCESSOR D.O METER

Content Code:12-HIN

TECHNICAL SPECIFICATIONS: **Model-HDO-20-iN**

Do Range	0 To 20 ppm
Resolution	0.1 Ppm
Temperature Comp	Automatic With Pt 100 Probe & Manual With Keys
Pressure Adjustment	0 To 999 Mm of Hg Manual
Salinity Correction	0 To 20 gm/l (manual)
Calibration	Automatic
Accuracy	± 2 % +1 Digit1
Temperature Range	-20.0 TO+200 °C
Resolution	0.1 °C
Accuracy	±0.2 %
Input Type	Pt 100
Calibration	MANUAL

Standard Accessories : DO Prode Each 1 > DO Membrane > Temperature Probe > Dust Cover > Operation Manual > Main Unit.

Silent Feature: 16 Character 2 Lines Alphanumeric>Display Format LCD Temp & Do Simultaneously >Setting By Soft Touch Keys> Storage1000 Samples with Date &time>Interface USB >Real Time Display 24 Hour Mode with Date> Power Supply230 V ±10% Ac 50 Hz >Digital output Serial Rs-232>Print Format All Data Date Wise .

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Automatic controller Based Photo Colorimeter

Content Code : 13-HIN

Model- HPCM-456-iN

TECHNICAL SPECIFICATIONS :

PARAMETER	
Range	400-700nm
Display	Dual Digital Display
Filters	Built-in 9 Digital filters >30000 Hours life
Filters Wavelength	400nm, 430nm, 500nm, 520nm, 540nm, 580nm, 600nm, 620nm, 680nm
Display Mode	Absorbance & Wavelength
Detector	silicon photo diode
Zero Adjustment	Auto zero by microprocessor
Accuracy	± 0.01 O. D.
Stability	±0.02 O.P. Per Hour
Light Source	Highly Accurate LED Source
Amplifier	Micro Controller Based
Volume	1 ml. Minimum
Dimension	L 210X B 160X H 80 MM (Approx)
Weight	1.5 Kgs. (Approx)
Power	230V 1- 10% AC, 50 Hz
Battery Backup	6V Ni-Cd Re-Chargeable Battery
Accessories	Set of Test Tube - 6 Nos. Dust Cover 1 No. Operational Manual

Technical Specifications under go to Change without notice period.



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Content Code : 16-HIN

Microprocessor Turbidity Meter

Technical Specifications:

Model- HTM-175-iN

MODEL	HTM-175-iN
Turbidity Measurements	
Range	0 ~ 200.0 & 200 ~ 1000 JTU / NTU
Accuracy	± 3% of Full Scale Deflection in 0 ~ 1000 JTU / NTU
Sample System	30mm Clear Glass Tubes
Light Source	6.8 V, 0.3 AMP Tungsten Lamp
Detector	Photodiode
Display	16 x 2 Line Alfa Numeric
Memory	In-Built memory to retain both range standard solution & last set value even after power loss.
Power Supply	210 ~ 240V AC, 50 Hz
Dimension	272x202x94 mm (Lx Bx H)
Standard Supply	Tubes 30mm 3 Nos<> Operation Manual<> Dust Cover

Technical Specifications under go to Change without notice period.



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Digital Colony Counter Meter

Content Code : 18-HIN

Technical Specifications:

Model:	DISPLAY
1.HCC-183-iN	3 - Digit Seven Segment LED in model - HCC-183- iN
2.HCC-184-iN	4 - Digit Seven Segment LED in model - HCC-184- iN
3.HCC186- iN	6 - Digit Seven Segment LED in model - HCC186- iN
MAX COUNT	999 in Model -HCC-183-iN, 9999 in model HCC-184-iN 999999 in Model HCC-186-iN
KEYBOARD	6 soft touch membrane keys
CORRECTION	Count correction facility available to cancel The unwanted counts
STORAGE	125 Result-count storage retained even LI the system is switched off
DISH SIZE	110 mm
MAGNIFICATION	x 17 surface magnification
DIMENSIONS (L x B x H)	256x 220x 102 mm (Approx.)
WEIGHT	3.3 Kg, (Approx.)
POWER	230. 10% AC, 50 Hz

SALIENT FEATURES: Count Correction Facility<>Result-Count Storage<>Audible Confirmation

of Each Count<>Auto Marker Pen<>Uniform Glare Free Illumination<>

Wolffhugel Glass Grid with Focusing Facility<> LED Based Illumination

Technical Specifications under go to Change without notice period.



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Content Code : 20-HIN

Digital Ceramic Hot Plate With Magnetic Stirrer

Technical Specifications : Model : HMS -205L- iN

Display	Digital
Speed (RPM)	200-2000
Minimum resolution (RPM)	200 RPM
Plate size (mm)	190 * 190
Top plate type	Ceramic
Max. volume (ml)	5000
Temp. sensor	P1100
Temp. controller	PIDC
Max. temp. (plate surface)	300°C
Temp, resolution	0.1°C
Temp. accuracy	0.5°C (<100C)1°C(<300)
Power wattage	Heating: 600W, stirring: 20W
Power supply	AC 220V/50Hz
Dimension L * W* H (mm)	300 * 191* 127
Weight	5.5kg

Salient features ◊ Digital LCD display with back light. ◊ Big size ceramic hot plate with flame protection and durability, ◊ Heating and stirring can proceed simultaneously ◊ Temperature & stirring speed is step-less adjusted ◊ Real temperature & speed display on screen simultaneously ◊ Two sensors ◊ outside PT 100 sensor control the liquid temperature ◊ inside K typesensor control the hot plate temperature (select table). Over temperature alarm.

Standard accessories:

Stirrer bar, Temperature probe ,Stand
Instruction manual

Technical Specifications under go to Change without notice period.



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Digital Ceramic Hot Plate With Magnetic Stirrer

Technical Specifications : Content Code : 20-A,B,C-HIN

MODEL	20C-HIN HMS-203-LC-iN	20D-HIN HMS-203-LD-iN	20 B HMS-203-LB-iN	20A HMS-203-LA-iN
Name	Magnetic Stirrer	LCD display magnetic Stirrer	Hotplate magnetic Stirrers	LCD display hotplate magnetic Stirrers
Control Method	Single knob	Single knob	Double knob	Single knob
Display	No	LCD	No	LCD
Voltage	100-240v	100-240v	100-240v	100-240v
Frequency	50Hz	50Hz	50Hz	50Hz
Heating Power(w)	No	No	300w	300w
Power(w)	10w	20w	300w	300w
Plate Size(NM)	130	130	130	130
Max Stirring Volume(L)	1-3L	1-3L	1-3L	1-3L
Range of RPM	200-3000	200-1500	200-3000	200-1500
Speed Accuracy	±50rpm/min	±10rpm/min	±50rpm/min	±10rpm/min
Temperature Range	No	No	Ambient -240°C	Ambient -280°C
Temp Accuracy	No	No	±5%	Plate ±3 °C Solution ±0.5 °C
Timing	no	0-999min	No	0-999min
Magnet size range (MM)	20-40	20-40	20-40	20-40
Dimension (MM)	215×170×75	215×170×85	215×70×95	215×70×95
Package size(MM)	345*225*160	345*225*160	345*225*160	345*225*160
N.W(KG)	1.0	1.3	1.4	1.5
G.W(KG)	1.6	1.8	2.3	2.3

Standard accessories:

Stirrer bar, Temperature probe, Stand only 20A
Instruction manual

Technical Specifications under go to Change without notice period.



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HMS-5188C- i N HMS-3187C-iN HMS-5186TG-iN HMS-3185TG-iN

Content Code : 20 D-HIN

Technical Specifications: MAGNETIC STIRRERS WITH HOT PLATES

Magnetic Stirrer, mainly used for stirring or simultaneous heating and stirring low viscous liquid or solid liquid mixtures. The sample temperature can be heated and controlled according to the specific experimental requirements to maintain experimental required temperature condition to ensure liquid mixing.

- FEATURES: -
- <>Backlit LCD display set and current values, clear and intuitive
 - <>DC brushless motor, stepless speed adjustable encoder, low noise, maintenance-free, smooth operation
 - <>A variety of operating modes ensure that the stirring function does not change due to external factors
 - <>With positive and inversion function and program editing function, positive & reverse switching, temp switch can be achieved, fully stirring
 - <>High temp resistant strong magnetic steel to ensure sufficient suction force and torque, stirring effect is significant .

Model	HMS-5188C- iN	HMS-3187C- iN	HMS-5186TG- iN	HMS-3185TG- iN
Voltage V	110-220	110-220	100-240	100-240
Frequency Hz	50-60			
Power w	550	450	24	10
Working Plate Material	Cast Alu. Ceramic	Cast Alu. Ceramic	Tempered Glass	Tempered Glass
Base Material	ABS Plastic			
Working Size mm	150 x150			
Max Stirring Volume L	5	3	5	3
Heating Function	Yes	Yes	No	No
Display Mode	LCD	LCD	No	No
Motor Type	DC Brushless Motor			
Speed Range rpm	100-1600	200-1600	100-1600	200-1600
Speed Control Accuracy rpm	±10	Fixed	±10	Fixed
Timing	1-99 h 59min	NO	1-99 h 59 min	No
Temperature Control Range °C	RT-300	NO	RT-300	No
Temperature Control Accuracy °C	Tray±3, Sol. ±5	No	No	No
PT 100	Yes	No	No	No

Technical Specifications under go to Change without notice period.



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Digital Ultra Sonic Cleaner with Timer & Heater

Content Code : 21-HIN

Technical Specifications:

Model	HUC-2L-iN	HUC-3L-iN HUC-4.5LiN	HUC-6L-iN	HUC-9L-iN	HUC-13L-iN	HUC-20L-iN
Volume	2 Ltr ±	3Ltr±/4.5Ltr	6Ltr±	9Ltr±	13Ltr±	20 Ltr ±
Frequency (kHz)	40 kHz					
Ultrasonic Power	50 W	100 W	150 W	200 W	300 W	400 W
Heating Power	100 W		300 W		400 W	500 W
Temp - Range	Ambient + to 80* C					
Timer	1to 30 minutes			(1 to 99 minutes Optional)		
Tank Size (LxWxH- in mm Approx	150 x 140 x 100	240 x 140 x 100	300 x155 x150	300 x 240 x150	330x 240 x150	500 x 300 x150

Silent Features : Timer 1to 30 minutes (1 to 99 minutes Optional) <> Temperature Ambient to 80° c <> Ultrasonic Frequency 40 kHz <> With LED Digital Display for Timer & Temperature <> Ceramic Heaters for better heating effect <> Stainless steel housing Lid and beautiful & generous <> Stainless steel 304 tank & basket <> Powerful Ultrasonic transducer for efficiency & cleaning effect <> Stamping tank without welding gap for better water proof <> Moisture proved & anticorrosion PCB Capable for different working environment.<> Special cooling system, component work more steady <> Drainage & cool-fan are available for 6 Ltr. & - above volume models convenient to use.

Technical Specifications under go to Change without notice period.



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Digital Water Bath

Content Code 21 A -HIN

Technical Specifications:

MODEL	Descriptions	Size
HWB-06-iN	480 x 320 x 125 (mm)	6 hole
HWB-08-iN	640 x 325 x 120 (mm)	8 hole
HWB-12-iN	860 x 340 x 120 (mm)	12 hole

Features :

- Temperature Range Ambient+5°C to 100°C.
- Temperature variation ± 0.5 ° C.
- Double walled inside Stainless Steel
- Out side mild Steel ,Concentric ring are chromium Plated.
- Digital display and soft touch keys.
- Digital Controller / Thermostatic System
- Power supply 220/230 volts A.C.

Technical Specifications under go to Change without notice period.



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Content Code : 23-iN

Model-HWK-230-iN

Technical Specifications:

Micro Controller Water & Soil Analysis Kit

Display	LCD		
pH			
Range	0 to 14 pH		
Resolution	0.01 pH		
Accuracy	0.01 ± 1 Digit		
Temp. Comp.	0 to 100°C(Auto/Manual)		
Conductivity (E C)			
Range	0-20, 0-200µS , 0-2,2-20,0-200mS		
Resolution	0.01 mS / cm		
Range Selection	Automatic		
Accuracy	± 0.5% FS± 1 Digit		
Cell Constant	Adjustable (0.05 to 10.5)		
Temp. Coefficient	Adjustable (0.4 to 4.0)		
Temp. Comp.	5-50° (Auto/Manual)		
Reference Temp.	Selectable (5-50°C)		
Temperature			
Range	0-100°C		
Resolution	0.1°C		
Accuracy	± 0.1°C ± 1 Digit		
Sensor	Semi Conductor Type		
TDS			
Range	0-20, 0-200ppm 0-2,0-20,0-200ppt		
Range Selection	Automatic		
Resolution	0.01 ppm		
Accuracy	± 0.5% FS ± 1 Digit		
Cell Constant	Adjustable (0.05 to 10.5)		
DO			
Range	0-20 ppm		
Resolution	0.1 ppm		
Accuracy	0.1 ppm ± 1 Digit		
Temp. Comp.	Auto/Manual (5°C to 55°C)		
DO Sensor	Gold/Silver Probe		
mV (ORP)			
Range	0 to ± 1999.9 mV		
Resolution	0.1 mV		
Accuracy	±1 mV ±1 digit		
Turbidity (Optional at extra cost)		Salinity	
Range :	0 -1000 JTU	Range :	0-20,0-200ppm,0-2,0-20,0-50ppt
Resolution :	1 JTU & Accuracy : ± 3% FS ± 1Digit	Resolution:	0.01 ppm
Sample System :	30 mm Clear Tube	Accuracy :	± 1% of Range ± 1 Digit
Power Supply	6V Rechargeable Battery or 230V±10%AC,50Hz		
Storage	1000 sample		
Standard Accessories :	pH Electrode, Cond/TDS, Salinity Cell,Temp.Probe , D.O.Probe,Dry CellContainer Main Lead, pH Solution&pHTablets , Turbidity Test Tube Set		

Technical Specifications under go to Change without notice period.



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Microprocessor Visible Spectrophotometer

Content Code : 24-HIN

Technical Specifications:

MODEL	HSP-V3120-iN
Wavelength Range	320 -1020 nm
Bandwidth	± 2 nm
Wavelength Accuracy	≤ 1 nm
Wavelength Interval	1 nm
Wavelength Repeatability	≤ 2 nm
Photometric Range	0.000-1.999A,-0-199.9%T
Photometric Accuracy	± 1%T
Photometric Repeatability	0.5%T
Photometric Mode	<u>T,A,C,F</u>
Display	Large 4 LCD Screen
Stability	±0.004A/h@500nm
Stay Light	< 0.3%T @340nm
Light Source	Tungsten Lamp
Detector	Silicon Photodiode
Sample Compartment	Single Equipped With 4-position 50/10mm cell Holder
Power	AC 85 to 250V (± 10%) AC
Data Output Port (Optional)	Rs-232C / USB & Parallel Port (Printer)
Dimensions	452x522x321 mm
Standard Supply	Main Unit<>04Nos glass Cell, <>Operational Manual, <>Software Manual Software CD (Optional)<> Dust Cover <>Power Cable.

Salient Features:- C-T Single Beam, Grating 1200lines/mm Optical System <> Advantage of high wavelength precision, good monochromatic and low stray light <> Monochromator with flashing grating is used <> Software & RS 232 Cable (Optional) <>Accessories : <1> Main unit <2> 4 Glass cuvette <3> dust cover <4> Data cable Software CD(Optional) <> Operation Manual .

Technical Specifications under go to Change without notice period.



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Microprocessor Visible Spectrophotometer(Scanning Based)

Content Code : 25-HIN

Model : HSP -V-3120S-iN

Technical Specifications:

WAVELENGTH RANGE	320 - 1100 nm
SPECTRAL BANDWIDTH	2 nm
OPTICAL SYSTEM	Single Beam, grating 1200 lines/mm
WAVELENGTH ACCURACY	±0.5 nm
WAVELENGTH REPEATABILITY	0.3nm
WAVELENGTH RESOLUTION	0.1 nm
PHOTOMETRIC ACCURACY	± 0.3 %T or 0.003 A@1A
PHOTOMETRIC RANGE	-0.3 to3A,0-200%T,0-9999 conc.
PHOTOMETRIC REPEATABILITY	±0.2%T
STRAY LIGHT	<0.3%T
STABILITY	±0.002A/h@500nm
DISPLAY	128 x 64 Dots Large Graphical LCD
PHOTOMETRIC MODE	% Transmission, Absorbance and Concentration,
KEYBOARD	Soft Touch Membrane Keys
SAMPLE COMPARTMENT	Standard 4-Position 10 mm path-length
cuvette holder.	(Accommodates up to 100 mm path-length, cuvette with optional holder)
LIGHT SOURCE	Tungsten Lamps
DETECTOR	Silicon Photodiode
OUTPUT	USB for PC Connectivity and Parallel Port for Dot Matrix Printer
SCAN Speed	High; Medium ; Low
PC SOFTWARE	Basic PC Software provided for quantitative / kinetic analysis with Professional PC Software
for additional	wavelength scan and DNA/Protein Test.
POWER	230 V±10% AC, 50 Hz

SALIENT FEATURES : Covers 320 -1100 nm <>4 Position Cuvette Holder <>µP Based Wavelength Selection
128x64 Graphical LCD <>printer Interface <> USB Computer Interface **ACCESSORIES:-** Glass Cuvettes - A Set of 4
<>Instruction Manual <>Software Manual <>Software CD <>USB Data Cable for PC Connectivity <>Mains Lead
<>Dust Cover

Technical Specifications under go to Change without notice period.



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Content Code : 26-HIN

Microprocessor UV Visible Single Beam Spectrophotometer

Model: HSP-UV- 1020-iN

Technical Specifications:

WAVELENGTH RANGE	:	195- 1020 nm
SPECTRAL BANDWIDTH	:	2 nm
OPTICAL SYSTEM	:	Single Beam, grating 1200 lines/mm
WAVELENGTH ACCURACY	:	± 1 nm
WAVELENGTH REPEATABILITY	:	2.0 nm
WAVELENGTH RESOLUTION	:	2.0 nm
PHOTOMETRIC ACCURACY	:	± 0.5 %T or 0.003 A@1A
PHOTOMETRIC RANGE	:	- 0.3 to 2A, 0 - 200 %T, 0 - 9999 Conc.
STRAY LIGHT	:	< 0.3 %T
STABILITY	:	± 0.002 A/h @500 nm
DISPLAY	:	LCD
KEYBOARD	:	Soft Touch Membrane Keys
PHOTOMETRIC MODE	:	% Transmission, Absorbance and Concentration
DETECTOR	:	Silicon Photodiode
SAMPLE COMPARTMENT	:	Standard 4-Position 10mm path-length cuvettes holder. (Accommodates up to 100 mm path-length cuvette with optional holder)
LIGHT SOURCE	:	Tungsten and Deuterium Lamps
OUTPUT	:	USB for PC Connectivity
POWER	:	230V±10%AC, 50Hz
Weight and Dimensions Approx	:	18.8kg / 452x522x322 (mm)

SALIENT FEATURES: Covers 200 - 1020 nm <> 4 Position Cuvette Holder <> 128x64 Graphical LCD <> RS-232C Computer Interface <> Automatic Lamp Selection Between UV & Visible Range

ACCESSORIES: Quartz Cuvettes – one set of 2 pcs <> Glass Cuvettes 1 Set of 4 pcs <> Instruction Manual <> Software Manual <> Software CD <> RS232 Cable for PC Connectivity <> Mains Lead <> Dust Cover

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Microprocessor UV Visible Single Beam Spectrophotometer

Content Code-27-HIN Model –HSP- UV-1101S-iN

Technical Specifications:

WAVELENGTH RANGE	190 - 1100 nm
SPECTRAL BANDWIDTH	2 nm
OPTICAL SYSTEM	Single Beam, grating 1200 lines/mm
WAVELENGTH ACCURACY	± 0.2 nm
WAVELENGTH REPEATABILITY	0.1 nm
WAVELENGTH RESOLUTION	0.1 nm
PHOTOMETRIC ACCURACY	± 0.5 %T or 0.003 A@1A
PHOTOMETRIC RANGE	- 0.3 to 3A, 0 - 200 %T, 0 - 9999 Conc.
STRAY LIGHT	< 0.3 %T
STABILITY	± 0.002 A/h @500 nm
DISPLAY	128 x 64 Dots Large Graphical LCD
KEYBOARD	Soft Touch Membrane Keys
PHOTOMETRIC MODE	% Transmission, Absorbance and Concentration
DETECTOR	Silicon Photodiode
SAMPLE COMPARTM	Standard 4-Position 10mm path-length cuvette holder. (Accommodates up to 100 mm path-length cuvette with optional holder)
LIGHT SOURCE	Tungsten and Deuterium Lamps
OUTPUT	USB for PC Connectivity and Parallel Port for Dot Matrix Printer
PC SOFTWARE	Basic PC Software provided for quantitative/kinetic analysis with Professional PC Software for additional wavelength scan and DNA/Protein
Test. POWER	:230 V±10% AC, 50 Hz
Weight	26.8Kg

SALIENT FEATURES: Covers 190 to 1100 nm<> 4 Position Cuvette Holder<> pP Based Wavelength Selection<> 128x64 Graphical LCD <> Printer Interface<> USB Computer Interface<>

ACCESSORIES: -Quartz Cuvettes -A Set of 2<>Glass Cuvettes -A Set of 4 <>Instruction Manual<> Software Manual <> Software CD <>USB Data Cable for PC Connectivity<> Mains Lead<> Dust Cover<>

Peltier/ Sipper Systems Optional



Technical Specifications under go to Change without notice period.



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Microprocessor UV Visible Single Beam Spectrophotometer

Content Code-27A-HIN Model –HSP- UV-1101-IN

Technical Specifications:

MODEL	HSP-UV 1101-IN
Wavelength Range	190 ~1000 nm
Bandwidth	2 nm
Wavelength Accuracy	1 nm
Wavelength Setting	Auto
Wavelength Repeatability	0.3 nm
Photometric Range	-0.3-3A,0-200%T
Photometric Accuracy	0.5%T
Photometric Repeatability	0.3%T
Display	Large LCD Screen (128 x 64 Dots)
Stray Light	< 0.3%T
Stability	± 0.002A/h (500 nm)
Stand Cell Holder	4-position 10mm cell changer
Lamp	Tungsten & Deuterium
Detector	Silicon Photodiode
Data Output Port	USB & Parallel Port (Printer)
Power	AC 85 to 220V (± 10%) AC
Standard Supply	Main Unit<>USB Cable<>04Nos glass Cell(1 cm)02 Nos. Quartz Cells, <>Operational Manual, <>Software Manual<>Software CD<> Dust Cover , <>Power Cable.

Salient Features : Tungsten lamp & deuterium lamp can be turned On/Off individually to extend Lifetime <> Large LCD screen can display & save 50 groups of Data, 5 Groups per Screen <> Data can be restored after a sudden Power cut <> Auto setting Wavelength <> Automatic WL Calibration and Dark Current Getting <>With Scanning Software . The UV VIS HSP-UV1101i Model Provide Dynamic excellent application functions without Sacrificing Accuracy and precision, it is an ideal instrument for various applications mode .

APPLICATION : Food, Beverages Lab/ Inspection, Medicine / Pharmaceutical, Agricultural Chemistry, Environmental Monitoring, Colleges & Universities, Metallurgy, Geology, Petrochemical, Water & Waste water Labs.

Technical Specifications under go to Change without notice period.



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Microprocessor UV Visible Double Beam Spectrophotometer

Technical Specifications:

Content Code : 28-HIN

MODEL	HSP-UV -1102-iN
Wavelength Range	190 ~ 1100 nm
Spectral Bandwidth	1 nm
Wavelength Accuracy	± 0.5 nm
Wavelength Setting	Auto, Resolution 0.1 nm
Wavelength Repeatability	≤ 0.2 nm
Optical System	Double Beam, Blazed Holographic Grating (1200 Lines/min)
Photometric Range	0 to 200%T, -4 to 4A, 0 to 9999C
Photometric Accuracy	± 0.002A (0-0.5A), ± 0.003A (0.5-1A), ± 0.3%t (0-100%T)
Photometric Repeatability	≤ 0.001A (0-0.5A), ≤ 0.002A (0.5-1A), ≤ 0.2%t (0-100%T)
Scan Speed	High ; Medium ; Low (Max 2000 nm/minute)
Noise	≤ 2%T/3 min (250/500 nm, 0%T); ≤ 5%T/3 min (250/500 nm, 100%T)
Stay Light	≤ 0.05%T (200/360 nm)
Stability	± 0.001A/h (500 nm; 0A)
Baseline Flatness	± 0.0015A
Sample Compartment	10 nm Path-length Cuvette
Lamp	Tungsten & Deuterium (pre-aligned)
Detector	Silicon Photodiode
Keypad	Graphic LCD 320*240 Dots 30 Key, Alphanumeric Membrane (Soft -Touch)
Data Output Port	USB
Power	AC 85 to 220V (± 10%) AC ; 50/60Hz
PC scanning Software	Yes
Standard Supply	4 Nos Glass Cell , <>02Nos. Quartz Cells, <>Software CD<>USB Cable<>Software Key<>Software Manual<>Operational Manual<>Dust Cover.

Salient Features:-2Cell Holder<>Net Weight 26.4kg, Low Noise & Stray Light<> Large LCD Display can show Curve<> Data & Curve can be stored in Real-time <> Auto Setting WL, Auto Blank <> Individually Easy to change Pre-aligned Lamps <> Reinforced Base board & Bracket Assures Durability
Function:- Photometric: T%, Abs <> Quantitative: Standard Curve <> WL Scan (Spectrum Scan) <> Time Scan (Kinetics) <> DNA/Protein Test <> System Utility<> PC Connectivity Based <> Scanning Software PC Connectivity.

Technical Specifications under go to Change without notice period.



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Microprocessor UV Visible Double Beam Spectrophotometer Premium Model

Content Code : 29 -HIN

Technical Specifications:

Model-HSP- UV- 1102P-iN

FUNCTION	Basic, Wavelength Scan, Multi Wavelength, Kinetics, Quantitative, DNA/Protein
WAVELENGTH RANGE	190 - 1100 nm
SPECTRAL BANDWIDTH	1.0 nm
OPTICAL SYSTEM	Double Beam, Grating 1200 lines/mm
WAVELENGTH ACCURACY	± 0.1 nm
WAVELENGTH REPEATABILITY	± 0.1 nm
SCANNING SPEED	HI, MED & LOW, MAX. 3600 nm/min
PHOTOMETRIC ACCURACY	± 0.3 %T or <> ± 0.002 A/h @1A
PHOTOMETRIC RANGE	%T 0 - 200%<>Abs : -0.3 to 4A<>Conc. : 0 - 9999 C
STRAY LIGHT	< 0.05 %T @ 220 nm & 360 nm
STABILITY	± 0.001 A/h @ 500 nm
DISPLAY	10.1 Inches Colored Touch Screen
BASELINE FLATNESS	± 0.001A/h (200 -1000 nm)
SAMPLE COMPARTMENT	2 cell with automatic cell changer-10 mm path- length.
LIGHT SOURCE	Halogen & Deuterium Lamps (Pre-Aligned)
OUTPUT PORT	USB DRIVE, USB Port & RS232
POWER	230.0 V ± 10% AC, 50 Hz
DIMENSIONS (L x B x H)	Instrument : 811x 660 x 391 mm (Approx.)
WEIGHT	INSTRUMENT : 29.8 Kg. (Approx)

SALIENT FEATURES: Double Beam Optics<> 7 Inches TFT Color Screen<>Auto Wavelength Setting <> On-screen Standard and Kinetic Curve Display <>Tungsten/Deuterium Lamp can be turned ON/OFF Individually to Extend Lifetime<> Application Software provides complete control of the instrument from a computer through the built-in USB Port.<>Basic, WL Scan, Multi-Wavelength, Kinetic, Quantitative, DNA/Protein modes<> re-aligned design makes it convenient to change Lamps<>Large Sample Compartment can accommodate 5-100 mm path-length cuvettes with optional holders.

ACCESSORIES: Quartz Cuvettes – A set of 2<>Glass Cuvettes – A set of 4<>Instruction Manual <>Software Manual <>Software CD<>USB Data Cable for PC Connectivity <>Mains Lead<>Dust Cover

Technical Specifications under go to Change without notice period.



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Double Beam UV-Vis Spectrophotometer (VARIABLE BANDWIDTH)

Content Code : 30 HIN

Model : HSP-UV-1102V-iN

TECHNICAL SPECIFICATIONS:

FUNCTION	Basic, Wavelength Scan, Multi Wavelength, Kinetics, Quantitative, DNA/Protein
WAVELENGTH RANGE	190 - 1100 nm
SPECTRAL BANDWIDTH	0.5/1.0/1.8/2.0/4.0/5.0nm(Variable) / 8 Cell Holder
OPTICAL SYSTEM	Double Beam, Grating 1200 lines/mm
WAVELENGTH ACCURACY	± 0.1 nm
WAVELENGTH REPEATABILITY	± 0.1 nm
SCANNING SPEED	HI, MED & LOW, MAX. 3600 nm/min
PHOTOMETRIC ACCURACY	± 0.3 %T or <> ± 0.002 A/h @1A
PHOTOMETRIC RANGE	%T 0 - 400% , Abs : -0.4 to 4Abs , Conc. : 0 - 9999 C
STRAY LIGHT	< 0.05 %T @ 220 nm & 360 nm
STABILITY	± 0.001 A/h @ 500 nm
DISPLAY	5 Inches 320x240 Dots Graphical LCD
BASELINE FLATNESS	± 0.001A/h (200 -1000 nm)
SAMPLE COMPARTMENT	2 cell holder 10mm path-length. (50mm path-length optional at extra cost)
LIGHT SOURCE	Halogen & Deuterium Lamps (Pre-Aligned)
PRINTER INTERFACE	Parallel port for dot matrix
POWER	230 0 ± 10% AC, 50 Hz
DIMENSIONS (L x B x H)	Instrument : 761 x552 x 239 mm (Approx.)
WEIGHT	INSTRUMENT : 20.2 Kg. (Approx)

SALIENTFEATURES:-Double Beam Optics <>320x240 Dots Graphical LCD<> Auto Wavelength Setting at 0.1nm interval <>On-screen Standard and Kinetic Curve Display <> Tungsten/Deuterium Lamp can be turned ON/OFF Individually to Extend Lifetime<> Application Software provides complete control of the instrument from a computer through the built-in USB Port. <>Basic, WL Scan, Multi-Wavelength, Kinetic, Quantitative, DNA/Protein modes <> Pre-aligned design makes it convenient to change Lamps<> large sample compartment can accommodate 5-100 mm path-

length cuvettes with optional holders. <>optional sipper pump. **ACCESSORIES:** Quartz Cuvettes – set of 2 ,Glass Cuvettes – set of 4<>Instruction Manual <>Software Manual <>Software CD<>USB Data Cable for PC Connectivity <>Mains Lead <>Dust Cover.

Technical Specifications under go to Change without notice period.



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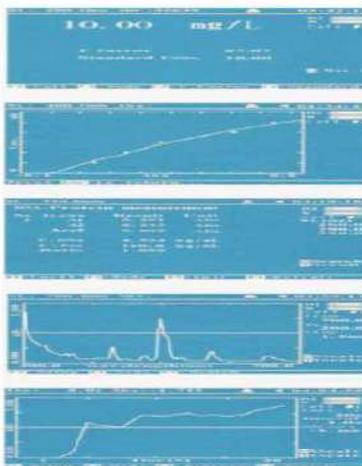
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Microprocessor UV Visible Double Beam Spectrophotometer
With Bluetooth

Content Code : 31 HIN

Technical Specifications: Model- HSP- UV- 1102A-iN



Wavelength Range	: 190-1100nm
Spectral Bandwidth	: 1nm
Optical System	: Double Beam, Blazed Holographic Grating (1200 lines/mm)
Wavelength Accuracy	: ± 0.5 nm
Wavelength Repeatability:	≤ 0.2 nm
Wavelength Setting	: Auto, Resolution 0.1nm
Photometric Range	: 0-200%T, -4-4A, 0-9999C
Photometric Accuracy	: ± 0.002 A (0-0.5A), ± 0.003 A (0.5-1A), $\pm 0.3\%$ T (0-100%T)
Photometric Repeatability	: ≤ 0.001 A (0-0.5A), ≤ 0.002 A (0.5-1A), $\leq 0.2\%$ T (0-100%T)
Stray Light	: $\leq 0.05\%$ T(220/360nm)
Scan Speed	: High, Medium, Low. Max.2000nm/minute
Baseline Flatness	: ± 0.0015 A
Stability	: ± 0.001 A/h (500nm,0A)
Noise	: $\leq 0.2\%$ T/3min (250/500nm,0%T); $\leq 0.5\%$ T/3min (250/500nm,100%T)
Sample Compartment	: 10mm Pathlength Cuvette
Detector	: Silicon Photodiode
Lamps	: Tungsten Lamp & Deuterium Lamp
Output Port	: (Pre- aligned) USB
Printer	: USB Port
PC Software	: Mini Serial Printer; PC Printer UV Analyst Scanning Software
Power Requirements	: AC 90-250V, 50/60Hz
Dimension	: 545x468x245mm
Weight	: 19.5kg

Salient Features:

Double Beam optical System, Low noise and Low stray light, High quality grating, detector and lamps , Data and Curve can be stored in real-time Auto setting WL, auto Blank , Lamps can be turned on/of individually , Easy to change Pri-aligned lamps, Reinforced baseboard and bracket assures durability, Photometric : T% ,Abs , Quantitative: Standard Curve System Utility , WL Scan (Spectrum Scan) Time Scan (Kinetics) DNA/Protein Test.

Standard Accessories:

Quartz Cells : 2 Nos, Software CD:1 No, USB Cable : 1No, Software Key : 1No, Software Manual : 1No, Operational Manual : 1No , Instruments Dust Cover: 1No,

Technical Specifications under go to Change without notice period.



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Microprocessor UV Visible Double Beam Spectrophotometer

Content Code : 32 HIN

Touch Screen

Technical Specifications:

HSP-UV-1102T-IN

Technical Specifications:-TFT Color Touch Screen MODEL- HSP-UV-1104T-IN	Basic, Wavelength Scan, Multi Wavelength, Kinetics, Quantitative, DNA/Protein
WAVELENGTH RANGE	190 - 1100 nm
SPECTRAL BANDWIDTH	1.0 nm
OPTICAL SYSTEM	Double Beam, Grating 1200 lines/mm
WAVELENGTH ACCURACY	± 0.1 nm
WAVELENGTH REPEATABILITY	± 0.1 nm
SCANNING SPEED	HI, MED & LOW, MAX. 3600 nm/min
PHOTOMETRIC ACCURACY	± 0.3 %T or ± 0.002 A/h @1A
PHOTOMETRIC RANGE	%T 0 - 200% , Abs : -0.3 to 4A , Conc. : 0 - 9999 C
STRAY LIGHT	< 0.05 %T @ 220 nm & 360 nm
STABILITY	± 0.001 A/h @ 500 nm
DISPLAY	11.2 Inches Colored Touch Screen
BASELINE FLATNESS	± 0.001A/h (200 -1000 nm)
SAMPLE COMPARTMENT	2 cell with automatic cell changer-10 mm path- length.
LIGHT SOURCE	Halogen & Deuterium Lamps (Pre-Aligned)
PRINTER INTERFACE	Parallel Port For Dot Matrix
PC CONNECTIVITY	USB PORT FOR PC CONNECTIVITY
POWER	230 0 ± 10% AC, 50 Hz
DIMENSIONS (L x B x H)	Instrument : 812 x662 x 392 mm (Approx.)
WEIGHT	INSTRUMENT : 32.7 Kg. (Approx.)

SALIENT FEATURES:- > Double Beam Optics <> 11.2 Inches TFT- Color Screen <> Auto Wavelength Setting <> On-screen Standard and Kinetic Curve Display <> Tungsten/Deuterium Lamp can be turned ON/OFF Individually to Extend Lifetime <> Application Software provides complete control of the instrument from a computer through the built-in USB Port. <> Basic, WL Scan, Multi-Wavelength, Kinetic, Quantitative, DNA/Protein modes <> Pre-aligned design makes it convenient to change Lamps <> Large Sample Compartment can accommodate 5-100 mm path-length cuvettes with optional holders.

ACCESSORIES:- Quartz Cuvettes – set 2 <> Glass Cuvettes – set 4 <> Instruction Manual <> Software Manual <> Software CD <> USB Data Cable for PC Connectivity <> Mains Lead <> Dust Cover

Technical Specifications under go to Change without notice period.



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Double Beam UV-VIS Spectrophotometer XENON FLASH LAMP

Content Code:33-HIN

Model:HSP-UV-1102X-iN

Technical Specifications:

TECHNICAL SPECIFICATIONS FUNCTION :	Basic, Wavelength Scan, Multi Wavelength, Kinetics, Quantitative, DNA/Protein
WAVELENGTH RANGE	190 - 1100 nm
SPECTRAL BANDWIDTH	1 nm
OPTICAL SYSTEM	Double Beam, Grating 1200 lines/mm
WAVELENGTH ACCURACY	± 0.1 nm
WAVELENGTH REPEATABILITY	± 0.1 nm
SCANNING SPEED	HI, MED & LOW, MAX. 3600 nm/min
PHOTOMETRIC ACCURACY	± 0.3 %T or ± 0.002 A/h @1A
PHOTOMETRIC RANGE	%T 0 - 200% Abs : -0.3 to 3A Conc. : 0 - 9999 C
STRAY LIGHT	≤ 0.03 %T @ 220 nm & 360 nm
STABILITY	± 0.001 A/h @ 500 nm
DISPLAY	7 Inches TFT Colored Screen
BASELINE FLATNESS	± 0.001A/h (200 -1000 nm)
SAMPLE COMPARTMENT	2 cell holder-10 mm path- length.
LIGHT SOURCE	Xenon Flash Lamp
OUTPUT PORTS	USB Drive, USB Host & RS232
POWER	230 0 ± 10% AC, 50 Hz
DIMENSIONS (L x B x H)	Instrument: 811 x661 x 389 mm (Approx.)
WEIGHT	28.5 Kg. (Approx.)

Salient Features :- <>Double Beam Optics <>7Inches TFT Color Screen <> Auto Wavelength Setting at 0.1nm interval <> On-screen Standard and Kinetic Curve Display <>Xenon Flash Lamp for Extend Lifetime <> Application Software provides complete control of the instrument from a computer through the built-in USB Port.<> Basic, WL Scan, Multi-Wavelength, Kinetic, Quantitative, DNA/Protein mode. ACCESSORIES:-<>Quartz Cuvettes-1set(2pcs)<>Glass Cuvettes-1set(4pcs)<>Instruction Manual <>Software Manual <>Software CD <>USB Data Cable for PC Connectivity <>Mains Lead <>Dust Cover.

Technical Specifications under go to Change without notice period.



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Content Code : 34-HIN Fluorescence Spectrophotometer
Model -HSP-4101F-iN

Specifications

★ Light source	Hamamatsu 150W Xenon lamp
★ Exciting optical filters	Interference optical filter
★ Emission monochromator	C-T diffraction grating
★ Emission wavelength	200~900nm
★ Emission bandwidth	10nm
★ Sensitivity	S/N \geq 150(P-P)
★ Linear	\geq 0.995
★ Stability	better than 1.5%/10min
★ Power	220V \pm 22V 50Hz \pm 1Hz
★ Response time	(0.1-4)s 6 stages adjustable
★ Fluorescence display value	0.00-600.00
★ Data transmission	USB2.0
★ Dimensions	444x391x252(mm)
★ Weight	Net Weight 10.5Kg , Gross Weight 12.5Kg

Salient Features <>Two mode could be chosen: fluorescence intensity and luminous intensity. Fluorescence scanning, kinetic determination and quantity analysis could be done under fluorescence intensity mode. • 365nm exciting wavelength Raman peak of water in 1 cm quartz fluorescence cuvette S/N \geq 150 High performance sensitivity simplifies the measurement of low detective sample High stable and long life 150W xenon lamp and power source ensure high stable testing and wide range of spectrum. • The normalized feature for fluorescence value could make different fluorescence's result comparable. Optional accessories for different measurement, including single hole cell holder, fluorescence sample

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Content Code : 35-HIN Fluorescence Spectrophotometer

TECHNICAL SPECIFICATIONS: Model -HSP-4102F-IN

Excitation light source	●High brightness LED
Excitation LED	● 250nm ~ 600nm(LED) EX wavelength standard set: 365nm,376nm,392nm,405nm
Emission monochromator	● C-T con guration diffraction grating monochromator Emission wavelength range(EM): 200nm ~ 650nm,Bandwidth: 10nm (Extend the monochromator to Em:200-900 is optional.) Emission wavelength accuracy: ± 1 nm Emission wavelength reproducibility: ≤ 0.5 nm
S/N ratio	● S/N ≥ 90 (Using 1cm quartz sample cell, measure the signal noise ratio of Raman spectrum of water)
Detection limit	● 1×10^{-10} g / ml quinine sulfate solution
Linearity (γ)	● ≥ 0.995
Repetitive peak intensity	● $\leq 1.5\%$
Zero drift	● ≤ 0.3 (within 10min)
Upper limit change of indicating value	● $\leq 1.5\%$ (Within 10 minutes) (displaying value ≥ 50)
Power type	● 220V ± 22 V; 110V ± 22 V
Dimensions	● 444 \times 391 \times 252 (mm)
Weight	● Net weight 10.5kg ● Gross Weight 12.5Kg

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Content Code : 35 A-HIN FT-IR SPECTROPHOTO METER

Technical Specifications: Model –HSP-FT-IR-710-iN

FT-IR Spectrometer Spectral Range: 7800 to 350cm⁻¹. Resolution: Better than 0.85 cm⁻¹ Wave number Precision: ± 0.01cm⁻¹ Scanning Speed: 5 steps adjustable for different Applications, signal to noise ratio: better than 15,000:1 (RMS value, at 2100 cm⁻¹ ion Resolution: 4 cm⁻¹ Detector: DTGS, 1 minute data collection Beam Splitter. Ge coated Kbr, Infrared Source: Air-cooled. High efficiency Reflex sphere module. Detector: DTGS, Data System: Computer Compatible Software: FTIR Software contains all routines library needed for basic spectrometer operations. Including library search, quantization and spectrum. **Spectral Range: 7800 to 350cm⁻¹** Resolution: Better than 0.85 cm⁻¹ Wave number Precision: ±0.01CM⁻¹ Scanning Speed: 5- step adjustable for different

Advantages:	Applications
Large sample compartment. Based on accurate transmission method better than reflection method available with other brand of instruments. Transmission method is more accurate and reliable than reflection method ATR can also be installed (Optional)	Signal to noise ratio: better than 15,000:1 (RMS value, at 2100cm ⁻¹ , Resolution: 4cm ⁻¹ Detector: DTGS, 1minute data collection Beam Splitter: Ge coated Kbr Infrared Source: Air-cooled, high efficiency Reflex sphere module, Detector: DTGS Data System: Compatible Computer

Software: FTIR Software contains all routines needed for basic spectrometer operations, including library search, quantization and spectrum

Export

IR Library: 11IR libraries included Capabilities of Infrared Analysis

Identification and quantization of organic solid, liquid or gas samples.

Analysis of powders, solids, gels, emulsions, pastes, pure liquids and solutions, polymers, pure and mixed gases.

Infrared used for research, methods development, quality control and quality assurance applications.

Samples range in size from single fibers only 20 microns in length to atmospheric pollution studies involving large areas.

Features: New type cube corner Michelson interferometer features smaller size and more compact structure, providing higher stability and less sensitive to vibrations and thermal variations than conventional Michelson interferometer. Fully sealed damp and dust proof interferometer, adopting high performance, long lifetime sealing material and desiccators, ensures higher adaptability to the environment and increases accuracy and reliability in operation. Viewable window for silica gel enables easy observation and replacement. Isolated IR source and large space heat dissipation chamber design provides higher thermal stability. Stable interference is obtained without the need of dynamic adjustment. High intensity IR source adopts a reflex sphere to obtain even and stable IR radiation. Cooling fan stretch suspending design ensures good mechanical stability. Super wide sample compartment provides more flexibility to accommodate various accessories.

The application of programmable gain amplifies, high accuracy A/D converter and embedded computer improves the accuracy and reliability of the whole system. The spectrometer connects to PC via a USB port for automatic control data communication, fully realizing plug-and-play operation. Compatible PC control with user friendly, rich function software enables easy, convenient and flexible operation. Spectrum collection, spectrum processing, spectrum analyzing, and spectrum output function etc. Can be performed. Various special IR libraries are available for routine search. Users can also add and maintain the libraries or set up new libraries by themselves.

Accessories:

◊ KBr hydraulic press 15T (including die set) ◊ Mortar and pestle ϕ 50 ◊ Demountable Liquid cell (with KBr window plates) ◊ HOX-02 Intelligent electronic moisture-proof box.

Technical Specifications under go to Change without notice period.



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Digital Abbe Refractometer

Content Code :37-HIN

MODEL – HXR-1701-iN

TECHNICAL SPECIFICATIONS:

MODEL	HXR-1701-iN
Range of Measurement	nD 1.30000 – 1.70000 / Brix \pm 0 to 100%
Accuracy of Measuring	nD \pm 0.0002 / Brix \pm 0.1%
Resolution of Measuring (nD)	\pm 0.0001
Range of Temp. (Min. 0.1°C)	0 to 50°C
Dimensions (cm)	37 x 24 x 47
Weight	14 kg
Measuring Modes	
Refractive Index <> Brix of sugar solution <> Brix TC of sugar solution <> Automatic detect Temp. shown in display	
Control Panel	
Monocular system <> Telescope adjustment <> Digital display <> Mains switch "POWER" <> Push button "READ" <> Push button for Brix with temperature correction "Bx - TC" <> Push button for the refractive index " D" <> Push button for Brix without temperature correction "BX". Optical control > Light intensity unit / Refractometer prism / Push button for temperature indicating. "TEMP".	
Standard Supply	
Hex key , lamps 6.3V, 0.25 A., fuse (1A.), RS-232 Cable, calibration standard, Main Lead, Dust cover and Software CD Manual	
Visual aim and LCD display<>Prism made of Hard Glass<>Measurement of the Brix of sugar Solution<>Measurement of refractive index nD of transparent of translucent Liquid and Solid Substances	

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AUTOMATIC POLARIMETER WITH TOUCH SCREEN

Content Code : 38-HIN

MODEL - HXP-122T-IN

Technical Specifications:

4 Test modes	:- Optical rotation ,specific rotation sugar degree and concentration.
Light source	:- LED
Measurement range	:- $\pm 45^\circ$ (Optical rotation $\pm 120^\circ$ Z (sugar)
Wavelength	:- 589.3 nm
Minimum indicating value	:- 0.001° (optical rotation)
Accuracy	:- a) $\pm 0.01^\circ$ ($-15^\circ < \text{optical rotation} < +15^\circ$) b) $\pm 0.02^\circ$ (optical rotation $< -15^\circ$ or optical rotation $> +15^\circ$)
Repeatability	:- 0.002° (optical rotation)
Display	:- Color Touch Screen.
Test tube	:- 200mm,100mm.
Sample transmittance	:- $> 1\%$
Interface	:- USB & RS232.
Operation voltage	:- $220V \pm 22V$,50Hz
Overall dimensions	:- 855mm X 500mm X 475mm
Weight (Gross)	:- 39.2 kg Approx

SALIENT FEATURES : • Temperature Display<> Need not when turning on. <>Measuring specific rotation, optical rotation, sugar degree & concentration <>Automatic repetition - measurement for 6 times, and calculation of average value and means square root.<>Measurement of dark- colored sample.<>Response Time $3^\circ / \text{sec}$ <>Faraday magneto -optical modulator<>Polarizer Polarizing Film .<>Digital Polarimeter based on Optical null principle .<>No warm-up time is required when instrument is switched on . <>Insulated Sample Chamber to keep sample temp. constant<>Photodiode Detector.<>Purity method - saccharic -- concentration . With Software

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AUTOMATIC POLARIMETER WITH TOUCH SCREEN

Content Code : 38A-HIN MODEL - HXP-123T-iN

Measuring Mode	Optical Rotation, Specific Rotation, Sugar Degree and Concentration (Custom)	
Frequently Used Methods	30	
Light Source	Light-emitting diode(LED) (up to 10,000 hours) + precision interference filters	
Working Wavelength	589.44nm (Sodium D Spectrum)	
Measurement Range	$\pm 90^\circ$ (Optical Rotation) $\pm 259^\circ$ Z (Sugar)	
Minimum Reading	0.001°	
Accuracy	$\pm 0.004^\circ$	The polarimeter is an instrument used for determining the Optical rotation of substances. In this way, the concentration, content, purity, etc of certain substances can be and out. Therefore, the polarimeter has become one of the most useful instruments in laboratories of sugar industry, pharmaceutical industry, oil refining, foodstuff industry, chemical industry, universities and scientific research field.
Repeatability	$\leq 0.002^\circ$	
Min. Transmission of samples able to be measured	0.1%	
Response Speed	8°/S	
Measurement Time	6 Time/26S	
Sample Temperature Control	Yes	
Temperature Control Mode	Peltier (Built-in)	
Temperature Control Range	10-50° C	
Temperature Control Accuracy	$\pm 0.2^\circ$ C	
Display	8-inch color dot matrix touch LCD	
Calibration Method	Multi-point automatic calibration	
Data Storage	10000 sets	
GMP Regulations	No	
Output communication interface	USB / Printer / U disk	
Test Tubes	200mm 100mm (regular) 100mm(temp control)	
Optional Tubes	50mm (regular) 200mm(temp control)	
Weight(Gross)	36kg	
Dimensions	860mm x 510mm x 470mm	

Salient Features: Touch screen color display, Temperature display, Faraday magneto-optical, modulator Polarizer Polarizing Digital Polarimeter based on Optical null principle No warm-up time is required when instrument is switched on Measuring multiple scales - specific rotation, optical rotation, Sugar degree and concentration Automatic repetition-measurement for 6 times, and calculation of average value. Measurement of dark-coloured sample Response time 3°/reinsulated Sample chamber to keep sample temp. constant User can set retesting sample between 1 to 6 Photodiode Detector Data display - date, time, measuring mode, length of tube, temp. test time, measured value (1 - 6 values), average value, Purity method - saccharic concentration

Technical Specifications under go to Change without notice period.



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DIGITAL POLARIMETER

Content Code : 39-HIN

TECHNICAL SPECIFICATIONS:

Model :HXP-121D-iN

Measurement Range	: -45° ~ + 45°(Optical rotation) -120° ~ +120°Z (Sugar)
Accuracy:	: a.) ± (0.01° + measuring value 0.05%) : b.) ± (0.03°Z + measuring value 0.05%)
Minimum indicating	: 0.001°, 0.01°Z
Repeatability	: < 0.002° (Optical rotation)
Sample Transmittance	: > 1%
Display	: LCD
Monochromatic Light source	: 589.44nm (LED)
Length of Test Tube	: (100mm and 200mm) 1 each
Power supply	: 220V / 50Hz
Dimension (mm)	: 730x 450x370
Gross Weight	: 38.8 kg
Software	: Yes

SALIENT FEATURES :- Automatic Polarimeter instrument used to measure specific optical rotation of optically active substance <> Measuring optical rotation and sugar degree <> Storage of three - times results <> Built in auto controlling system with servomechanism <> Calculation of average values <> Automatic Measurement <> Measurement of dark coloured sample <> RS232 Interface <> Sample Tubes 100 mm, 200 <> Software CD <> Dust Cover .



Content Code : 41-HIN
MODEL – HPS-410-iN

Digital Probe Sonicator With Sound Proof Enclosure (in-built)

Technical Specifications:

Frequency	:	18-28 kHz Auto Tracking
Frequency tracking accuracy	:	1 Hz real-time tracking
Processing Capacity	:	0.5ml to 500 ml
Standard Probe	:	0 6 mm (1/4")
Display	:	8" Touchscreen
Display Function	:	Temperature, Power, Time, Gap Time
Temperature Range	:	0-99°C
Timer	:	Yes up to 99 hours, 59 mins, 59 secs
Alarm Functions	:	Over temperature, over current, over load transducer abnormality, etc.
Operating Table	:	Electrically operated motorized
Lighting	:	Available inside cabinet
Data Memory	:	9 Memory Group
Output Power	:	750W (adjustable)
Dimensions	:	280 x 280 x 490 mm / 10.5 kgs

Standard Accessories: <>06 mm Probe<>Power cord<>Instruction Manual., Various size probes for Probe Sonicator Also known as Horns. **Various size probes for Probe Sonicator Also known as Horns** >Horns (also known as probes) are made from titanium and machined to specific sizes and shapes. When driven at their resonant frequency, they expand and contract longitudinally. This mechanical vibration is amplified and transmitted down the length of the probe. In liquid, the probe causes cavitation which constitutes the main mechanism for sample processing.> Choosing the appropriate horn is extremely important. The sample volume to be processed is directly related to the tip diameter. Smaller tip diameters (Microtip probes) deliver high intensity sonication, but the energy is focused within a small, concentrated area.

Part Number	Tip Diameter	Processing Capacity	Power Ratio	Amplitude (microns)
PPS-2	Ø2	0.5 – 5 ml	1-40%	320 µm
PPS-3	Ø3	3 – 10 ml	1-50%	380 µm
PPS-6	Ø6	10 – 100 ml	1-70%	200 µm
PPS-8	Ø8	20 – 200 ml	1-80%	160 µm
PPS-10	Ø10	30 – 300 ml	1-90%	140 µm
PPS-12	Ø12	50 – 500 ml	20-95%	120 µm

SALIENT FEATURES: <>Microprocessor controlled & completely programmable<>Large touchscreen display <> Temperature indicator & max temp. alarm <>Motorized operation table for ease<> Auto-frequency for convenience & optimal processing <> Variable power setting<>Auto frequency tracking<> Safety Alarms <>Spare/Additional Probes are supplied with a set of wrenches especially designed for easily removing & attaching the probes to the Ultrasonic convertor

Technical Specifications under go to Change without notice period.



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Content Code : 42-HIN

Digital Viscometer

Technical Specifications:

Model >	HVM- 1020-iN	HVM-2020-iN
Measuring Range (mPa.s)	20 to 1,000,000	20 to 2,000,000
Measurement Accuracy	± 1.0 % of FS	
Repeatability	± 0.5 %	
RPM	6,12,30,60	0.3,0.6,1,5,3,6,12,30,60
No.of Standard Spindles	# 1, # 2, # 3, # 4 (#0 is Optional)	
Display	LCD	
Temperature RTD Monitoring Sensor Probe	YES	
Interface	RS232	
Power Supply	AC 220 V / 50 Hz	
Applications	Dairy Products Juices<>Pharmaceuticals Coatings Solvents <> Polymer Solutions Oils Paints <> Inks Latex Adhesives (Solvent Base)	

Silent Features:

Direct Readout of all measurement parameters<>Auto Range with Time Function for Measurement<>Linear Calibration<>Stepping Motor means Accurate, Reliable Operation <>Sound Alarm at under 20% Torque<>

Standard Accessories : # 1, # 2, # 3, # 4 Spindles <> Temp. Probe<> Instruction Manual.

Technical Specifications under go to Change without notice period.



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Digital Viscometer With Touch Screen

Content Code : 43-HIN

Technical Specifications:

Model >	HVM-2020T-iN
Measuring Range (mPa.s)	20 to 2,000,000
Measurement Accuracy	± 1.0 % of FS
Repeatability	± 0.5 %
RPM	0.3,0.6,1.5, 3, 6, 12, 30, 60.
No. of Standard Spindles	# 1, # 2, # 3, # 4 (# 0 is Optional)
Display	LCD Touch Screen
Temperature RTD Monitoring Sensor Probe	YES
Interface	RS232
Power Supply	AC 220 V / 50 Hz
Applications	Dairy Products Juices<>Pharmaceuticals Coatings Solvents <> Polymer Solutions Oils Paints <> Inks Latex Adhesives (Solvent Base)

Features: Stepping Motor means Accurate, reliable operation<>Direct readout of all measurement parameters<>Auto Range Showing<>Time Function for measurement<>Sound alarm at under 20% Torque<> Linear calibration<>Wide range power supply:100V-240V<>

Standard Accessories : # 1, # 2, # 3, # 4 Spindles <> Temp. Probe<> Instruction Manual.

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AUTOMATIC BOMB CALORIMETER

Content Code : 44

Model : HBCM-1161-iN

Technical Specifications:

Display	128 x 64 Graphical LCD
Keypad	20 keys
Temperature Resolution	0.001°C
Internal Memory	1000 logs with date and time
Interface	USB Interface to PC
Printer	Inbuilt thermal printer
Time Clock	Real time clock with battery backup
Power supply	230V± 10%/50Hz

STANDARD ACCESSORIES

Steel drum	Safely valve for high pressure
Bomb with sample holder	Oxygen pressure gauge
Stirrer	Benzoic acid powder
Temperature Probe	USB lead
Nichrome Wire	Toll kit
Pallet press	Operation manual
Cotton thread	Power supply cable (Main lead)

SALIENT FEATURES

- <> Automatic measurement & 8 mathematical calculation
- <> USB interface for sending data to PC.
- <> Full test report print out by inbuilt thermal printer.
- <> Weight of sample, water equivalent & sensitivity can be net through keypad on single page.
- <> Automatic detection of temperature rise & fall.

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MICROPROCESSOR FLAME PHOTOMETER (TOUCHSCREEN)

Content Code : 45 -HIN

Model- HFP-450T-iN

Technical Specifications:

	General	Serum	Urine
Range	Na: 0 - 100 ppm Upto 250 meq/L 1: 100 dil	Na: 0 - 200 1:100 dil	Na: 0-250 1:100 dil
	K: 0-100 ppm Upto 250 meq/L, 1: 100 dil	K: 0-10 1:100 dil	K: 0-100 1:100 dil
	Ca: 0-100 ppm Upto 250 meq/L, 1: 100 dil	-	Ca: 0-10 1:2 dil
	Li: 0-100 ppm Upto 250 meq/L, 1:100 dil	Li:0-2 1:5 dil	-
	Ba: 0-1000 ppm		
Sensitivity	General: Na : 0.5 ppm, K : 0.5ppm, Li: 0.5 ppm, Ca: 15 ppm; Ba : 50ppm		
Filters	Na & K supplied (Ca , Li and Ba optional at extra price)		
Resolution	0.1 ppm/meq		
Reproducibility	< 1% coefficient of variation for 20 consecutive samples using 10 ppm Na set as maximum standard (3% for Barium with 100 ppm sample)		
Curve Fit Accuracy	< 2% error when 3 ppm Na/K and 5 ppm Li are set as max std.		
Display	7" TFT with touch screen		
Average Time	In built in software		
Flame System	LPG and dry oil free air		
Detector	Silicon Photodiode		
Calibration	Up to 5- point calibration with curve fitting software		
Gas Control	Adjustable with knobs		
Flame Failure	Auto detection		
Ignition System	Automatic		
USB	Provision for data transfer to PC		
Power	230 V ±10% AC, 50 Hz		
Dimensions	285 x 255 x 210 mm (L x B x H) approx.		
Weight	7.5 kg Approx		
Air Supply	By oil free mini compressor unit with pressure regulator	Compressor Unit	
Combustion	LPG controlled by precision regulator		
Power	230 V ±10% AC, 50 Hz		
Dimensions	290 x 255 x 210 mm (L x B x H) approx.		
Weight	8 Kg approx.		

Standard Accessories

Na, & K1, No each (INBUILT)
Chimney , 1 No,
Air and Gas tubing
1Set, Capillary
tubes 5Nos, USB
cable 1No,
Operation manual
1No, Mains lead 1No

<> Salient Features

> **Security Features - Password Protection** >7" Colored TFT with touch screen >User Friendly and Menu Driven Software >Direct Results in ppm and meq>Auto Ignition Facility>Auto Gas Cutoff Facility >Auto Flame Failure Detection>Setup Data Storage Facility > Sample Data Storage Facility > Four Measurements in Single Aspiration>Curve Calibration Programmability Using Maximum of 5 Standards>Multiple Calibration Curve Saving Facility>Data Processing Through Curve Fitting Techniques, Least Square, Quadratic>Re-standardization with One Standard>, Batch-Wise Date-Wise and Individual Result Data Printing >USB Interface to download data to PC Useful for Medical & Soil Testing .

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Model- HFP-460-iN

Content Code: 46-HIN

Technical Specifications:



Range

MICROPROCESSOR FLAME PHOTOMETER

General Range

Serum Range

urineRange

ppm

meq/l

meq/l

Na: 0-100

0-200 nmeq/l, 1:100 dil.

0-250nmeq/l,1:100dil.

K: 0-100

0-10 meq/l, 1:100 dil.

0-100meq/l,1:100dil.

Ca: 0-100

0-10meq/l,1:2dil.

Li: 0-100

0-2meq/l,1:5dil.

Ba: 30-3000 (all meq values are claimed with appropriate dilution)

SENSITIVITY	General Mode: Na: 0.5 ppm, K: 0.5 ppm, Li: 0.5 ppm, Ca:15 ppm Ba: 30ppm
FILTERS	Na & K Supplied (Ca, Li & Ba are optional at extra cost) (Ba can be factory fitted only)
RESOLUTION	0.1 ppm / 0.1 meq.
REPRODUCIBILITY	< 1% coefficient of variation for 20 consecutive samples using 10 ppm Na set as Maximum Standard up to 3% CV for 20 consecutive samples of Concentrations between 50 to 199 ppm for Barium.
LINEARITY	< 2% error when 3 ppm Na/K and 5 ppm Li are set as Maximum Std.
CURVE FIT ACCURACY	± 2% of FS
DISPLAY	128 x 64 Graphical LCD
AVERAGE TIME	In-built in Software
FLAME SYSTEM	LPG & Dry Oil Free Air
DETECTOR	Photodiode
CALIBRATION	with up to 25 Standards of user choice with curve fitting software (5 for each Element). Multiple Calibration Curves can be stored in the memory
GAS CONTROL	Adjustable with knob
FLAME FAILURE	Auto Detection
GAS CUTOFF	Automatic
IGNITION SYSTEM	Auto Ignition
AUTOMISER	Axial Flow Type
DIMENSIONS	Instrument: 366 x 246x 220 mm Approx. (LxBxH)
PRINTER	Provision for attachment of Dot-Matrix Printer with Centronics parallel interface
PCINTERFACE	USB
WEIGHT	Main Unit: 8.5 Kg. (Approx.)
POWER SUPPLY	230VAC±10%,50Hz

SALENT FEATURES: Auto Gas Cutoff Facility<>Auto Flame Failure Detection Facility<> Inbuilt Thermal Printer (In Model 460) <>µP Based with Printer Interface<>Five Element Measurement in Single Aspiration of the Sample<> Curve Calibration Programmability using Maximum of 25 Standards<> Data Processing Through Curve Fitting Techniques - Least Squares, Quadratic<> Multiple Calibration Curves Saving Facility<> Samples Data Storage Facility <> Online Help Key <> Printer Attachment Facility <>Measurement in ppm & meq <>Useful For Both Medical & Soil Testing Applications <> Setup Storage Facility up to 10 setups files <>Supplied with Compressor Unit<>

ACCESSORIES: Air Compressor<> Chimney <>Sample Beakers <>Manual<> Dust Cover

Technical Specifications under go to Change without notice period.

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Microprocessor Melting Point Apparatus

Content Code : 49-HIN

Model – HMP- 490 M-iN

Technical Specifications:

No. of samples	:	1 sample at a time
Temperature Range	:	Ambient to 300°C
Temperature Accuracy	:	+ 1°C at 200°C, +2.5°C at 275 °C
Temperature Sensor	:	Platinum Resistance PT100
Selectable heating modes	:	(Slow, Medium and Rapid)
Display	:	128x64 Graphical LCD Display
No of keys	:	4
Memory	:	Storage up to 1000 results
Power	:	230 V AC +10%, 50 Hz

SALIENT FEATURES: 128x64 Graphical LCD display with backlight
<> Icon-based navigation menu for ease of operation <>
Selectable heating modes (slow, medium and Rapid) <> Storage
up to 1000 results <> Quick Cooling with Integrated fans<> Audio
and Visual Indicators for System Status<> Quick Cooling with
integrated Fans<>

ACCESSORIES: Capillaries 1 Box, cleaning tool 1 Nos.,USB Cable 1
Nos.,> Software CD 1 Nos.

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**Digital Dry Melting Point Apparatus
(Visual - Without Silicon oil)**

Content Code : 49A-HIN Model – HMP - 490MA-iN

Technical Specifications:

Technical Specification:	
MODEL	HMP - 490MA-iN
Display	3 Digit LED
Display Format	Menu driven
Setting	By Soft Touch Keys
Heating Devices	Dry Furnace
Temp. Sensing Devices	RTD/ PT100
Range	5°C above ambient to 350°C max.range . Constant working Temp. 320 °C
Resolution	1°C
Accuracy	Depend on manual viewing/ operation
Calibration	Manual
Power Supply	230 V ±10% AC 50 HZ

Technical Specifications under go to Change without notice period.



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Microprocessor Melting & Boiling Point Apparatus

Content Code : 50-HIN (With TFT Screen) and HD Camera 7" LED

Model – HMP -500C-iN

Technical Specifications:

Display	128x64 Graphical LCD & 7" LED HD Display
Temperature	0 to 300°C
Temperature Resolution	0.1°C
Calibration	Using Software
Amount of Sample	Fine powder properly dried at a temperature considerably below its melting point 4 to 6mm high
Oil Bath	Silicon Oil-bath beaker 200 ml capacity with Teflon cover fitted with oil immersion heater and having three holes for holding the capillaries, one for boiling point tube and one for temperature sensor
Power	230 ± 10% VAC 50 Hz
Storage	1000 Samples result with date, time, sample number and batch number
Data Output	Through USB Port
Sample Display	Facility to display stored sample results
Batch	Facility to enter batch number while storing sample results
Stirrer	On/OFF using key
Stirrer Speed	Controllable using stirrer keys
Stirrer Indication	Stirrer On Icon appears on the screen when the stirrer is ON. When it is off, no icon comes
Modes	Three heating Modes-Slow Mode, Normal Mode and Rapid Mode
Sample Type	Sample Type Selection for samples whose melting point is known or whose melting point is not known
Camera	HD camera to view capillaries
Display	7" LED HD Display

STANDARD ACCESSORIES: -Capillaries 1 Box. <> Capillaries 1 Box.
 <> Silicon Oil 1 Bottle<> Main Unit <>USB Cable <>Software CD

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Content Code: 51-HIN
Model : HPC-4201-SP-iN



High Performance Liquid Chromatography (Isocratic HPLC System)

Technical Specifications:

SPECIFICATIONS (PUMP)	
Flow Range	0.001 – 9.999 ml/min
Infusion way	Plunger Pump
Pump head	10mm SST/Peek analytical
Accuracy	± 1% or ± 2 µl /min, whichever is greater ± 1% or ± 1 µl /min, whichever is greater (Micro)
Flow rate settings	0 - 0.10 mL/min. 0.001 inc. <> 0.10 - 0.90 mL/min 0.010 inc. 1.0 mL <> 1.0 mL /Min. + 0.10 Inc.
Precision	0.25% from 0.1 mL/min. to 10 mL/min. at 20 deg C 0.25% from 0.05 mL/min. to 4 mL/min. at 20 degrees C (Micro)
Pmax	6000psi
System connections	1/16" capillaries
Dimensions	410mm x 180mm x 270mm
Weight	7.3kgs
Power input	85 to 264 VAC. 47 to 63 Hz, 60 Watts
Control	Stand alone mode using front panel
Specifications (UVDetector)	
Wavelength	190-700 nm
Spectral bandwidth	6 nm
Wavelength Accuracy	≤ ± 1 nm
Wavelength Reproducibility	≤ ± 0.5 nm
Flow pool volume	10 µl
Optical path	10 mm
Dynamic Noise	≤ 2.5x10 AU (Methanol, 1ml/min 254nm)
Static Noise	≤ ± 1 <10-5AU (Empty pool. Response time 1 s)
Dynamic Drifting	≤ ± 2.5x 10 ⁻⁴ AU (Methanol, 1ml/min, 254nm)
Static Drifting	≤ ± 1x 10 ⁻⁴ AU (Empty pool, Response time 1 s)
Qualitative repeatability	RSD ≤ 0.1%
Quantitative repeatability	RSD ≤ 0.5%
Dimensions	161H x 260W x 352 D. (mm)
Weight	7.2kg
Minimum detection concentration	≤ 1x10 ⁻⁸ g/mL (Naphthalene/methanol solution)

SALIENT FEATURES : Self-priming pump head requires no manual priming <> Patented "Floating Pump Seal" designed for extended seal wear <> Available with micro. analytical, semi-prep, and prep pump heads <> Programmable solvent compressibility compensation <> Easy maintenance and service for all wetted parts <> Integral prime/purge assembly for quick solvent change <> **ACCESSORIES :** <> Rheodyne Injector 7725 i (USA) <> Micro Syringe <> Column C-18 <> Software CD <> Filters

Technical Specifications under go to Change without notice period.



Haxane Instruments India Pvt. Ltd.

CE- AN ISO 9001 -2015 Certified Company



Content Code : 52
Model : HPC-4202-DP-iN

High Performance Liquid Chromatography (Binary HPLC System)

Technical Specifications:

SPECIFICATIONS (PUMP)	
Flow Range	0.001 – 9.999 ml/min
Infusion way	Series Dual Plunger Pump
Pump head	10m1 SST/Peek analytical
Accuracy	± 1% or ± 2µL /min, whichever is greater ± 1% or ± 1 µL /min, whichever is greater (Micro)
Flow rate settings	0 - 0.10 mL/min. 0.001 inc.<>0.10 - 0.90 mL/min 0.010 inc. 1.0 mL<> 1.0 mL /Min.+ 0.10 Inc.
Precision	0.25% from 0.1 mL/min. to 10 mL/min. at 20 deg C 0.25% from 0.05 mL/min. to 4 mL/min. at 20 degrees C (Micro)
Pmax	6000psi
System connections	1/16" capillaries
Dimensions	410mm x 180mm x270mm
Weight	7.3kgs
Power input	85 to 264 VAC. 47 to 63 Hz, 60 Watts
Control	Stand alone mode using front panel
Specifications(UVDetector)	
Wavelength	190-700 nm
Spectral bandwidth	6 nm
Wavelength Accuracy	≤ ± 1 nm
Wavelength Reproducibility	≤ ± 0.1 nm
Flow pool volume	8 µL
Optical path	10 mm
Dynamic Noise	≤2.5x10 AU (Methanol, 1ml/min 254nm)
Static Noise	≤ ± 1 <10-5AU (Empty pool. Response time 1 s)
Dynamic Drifting	≤ ± 2.5x 10-4 AU (Methanol,1ml /min, 254nm)
Static Drifting	≤ ± 1x 10-4 AU (Empty pool, Response time 1 s)
Qualitative repeatability	RSD ≤0.1%
Quantitative repeatability	RSD ≤0.5%
Dimensions	161H x 260W x 352 D. (mm)
Weight	7.2kg
Operating Temp.	4 - 40°C

SALIENT FEATURES : Self-priming pump head requires no manual priming <>Patented "Floating Pump Seal" designed for extended seal wear<>Available with micro. analytical, semi-prep, and prep pump heads <> Programmable solvent compressibility compensation<>Easy maintenance and service for all wetted parts<>Integral prime/purge assembly for quick solvent change <> **ACCESSORIES :** <> Rheodyne Injector 7725 i (USA) <>Micro Syringe <>Column C-18 <>Software CD <>Filters

Technical Specifications under go to Change without notice period.



Haxane Instruments India Pvt. Ltd.

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Content Code : 62-HIN

MICROPROCESSOR KARL FISCHER MOISTURE TITRATOR

Technical Specifications: Model – HKF-620-iN

Measuring Range	100 ppm to 100 % of moisture
Measuring Method	Karl Fischer Volumetric Titration Method
K.F. Dispensing System	Highly sensitive motorized dispensing system
Resolution of Titrant Volume	0.01 ml
Indication of Titrant Volume	0.00 to 99.99 ml
Auto Moisture content Calculation	0.01 % to 100% , 100 to 999999 ppm 0.00 to 999.99 mg H ₂ O
Calibration	Calibration Auto K.F. Titer/Factor calculation
End Point Indication	Audio
Wait Time for End Point	Adjustable 1 to 99 seconds
Keypad	20 keys
Display	128 x 64 Graphical LCD
Storage	Storage Sample result & setup data storage facility
Clock	In built clock with date & time display
Stirrer	In built magnetic stirrer with adjustable speed
Reagent Bottles	250 ml bottles for KF Reagent, methanol & calcium chloride
Printer Interface	USB interface
Power Supply	12V/2A DC/ 230V AC Supply

SALIENT FEATURES: Microprocessor Based with Printer Interface<>User Friendly and Menu Driven Software<>Direct Results in ppm, % and mg H₂O on single display screen<> Setup Data Storage Facility<> Sample Data Storage Facility<> 128 x 64 Graphical LCD<> Batch-Wise, Date-Wise and Individual Result Data Printing<> RS232/USB Interface (Optional)<>**ACCESSORIES:** Dual Platinum Electrode<>Teflon Coated Magnetic Stirring Capsule<>250 ml Bottle for K.F Reagent<>250 ml Bottle for- Methanol<>250 ml Bottle for Calcium Chloride<> Reagent Outer<> 25 pl Auto pipette<> Adapter- for Calcium Chloride Bottle<> Adapter for K.F. reagent Bottle<>Set of connecting tubes<> Set of dispensing tubes & nozzles<>Titration Vessel<>Power supply Adapter <> Rubber bellow<>Instruction Manual

Technical Specifications under go to Change without notice period.



Haxane Instruments India Pvt. Ltd.

CE- AN ISO 9001 -2015 Certified Company



Content Code :63-HIN

Technical Specifications:

Premium Moisture Analyzer Haxane Series

MODEL	HMA-101-iN
Range of Capacity	110 g
Readability	0.001g (1 mg) / 0.5%
Linearity	$\pm 0.002g$
Pan Size (with Pan Holder)	105 mm \varnothing
Display	Touch Screen LCD
Heating Source	Infrared Halogen Lamp
Dry Mode	Automatic / Manual
Dry Range / Dry Repeatability	0.01% - 100% / $\pm 0.01\%$
Calibration	Auto-External
Setting Temp.	+40°C to +180° C
Relative Humidity	Less then 95%
Setting Time	1 to 99 Minutes
Sensitivity Drift	1.5ppm °/C
Working Temp.	5°C to 65°C
Sensor Temp & Time)	/ PT 100
Interface	RS-232 for PC & Printer(Optional)
Power supply	220 -240v Ac, 50-60Hz

Applications : Agriculture, Industrial Laboratory , Typical Applications are for Tobacco, Paper , Food, Tea, Seeds, Raw Materials, Textile Material & Chemicals. <Store Historical Setting>< % of Moisture Content & Dry Residual>< Statistics Printing facility available with Date & Time with Optional Printer> Sample Volume Minimum 5 g and above .
Standard Accessories : Sample Pan Holder, Tray Handle, Sample Pan, Power Cord , Instruction Manual.

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Content Code :64-HIN

MCROPLATE ELISA READER

Technical Specifications : Model : HER- 640-iN

Light Source	6V, 10W tungsten halogen lamp, it can work over 5000 hours
Wavelength Range	400 -750 nm
Optical Filters	4 standard filters: 405, 450, 492, 630 nm, maximum 8 filters
Measurement Methods	single wavelength, dual wavelength, two points method, dynamic assay, multiple wavelengths
Blank Ways	single well blank, multiple wells blank, rows and columns blank
Calculation Method	absorbance, single point calibration, linear regression, quadratic curve, four parameters equation
Measurement Speed	single wavelength < 3 seconds/96 wells, dual wavelength < 9 seconds/96 wells
Measurement Range	0.0000-4.5000Abs
Resolution	0.0001A
Linearity	± 05% or < 0.025 A
Repeatability Difference	< 0.1% or ± 0.0025A
Rows and Columns Difference	< 0.01 A
Display	built-in XP system, 8" touch-screen, shows whole microplate results and calibration curve
Save Information	more than 300 test programs, results of 50 pieces of 96 well, 100000 test results
Interface	4 USB two-way communication interface, 1 RS232, 1 VGA, 1 Keyboard connector, 1 mouse connector
Environment	power supply 12V DC (100V-240V wide input voltage range); temperature: 5° -40°C
External Dimension	52.6cm(20.8 in) x 42.0cm(16.in) x 26.1cm(10.20 in)
Net Weight	10.9kg

Technical Specifications under go to Change without notice period.



Haxane Instruments India Pvt. Ltd.

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Content Code : 65-HIN MICROPLATE ELISA Washer

Model : HEW- 650-iN

Salient Features :

- Large LCD display, intelligent software, easy to operate
- Strong washing function, bottom washing and two positions aspiration make completed washing effect
- 8-channel or 12 channel optional
- Needle positions adjustable and up to 10 different needle positions pre-settable Pressure, volume & time adjustable, washing times, soap time pre-settable Pressure, volume & time adjustable, washing times, soap time pre-settable, whole plate or single strip reading
- Needle positions adjustable and up to 10 different needle positions pre-settable 5 position of needles are adjustable, fit for multi-kind of plates
- Self calibration and trouble alarm function
- Large memory to store up to 100 program

Technical Specifications:

Plate	:	48/96 well and trips (U,V, Flat bottom)
Residual Volume	:	≤2μl
Dispensing volume	:	Adjustable from 50 to 900 μl
Wash cycles	:	1-16 optional
Mode of wash	:	From 1 to 12, row and rank, selectable
Soak time	:	Up to 990 seconds adjustable
Shake time	:	Up to 990 seconds adjustable
Display	:	Large LCD
Channel	:	3 channels for washing liquid, 1 channel for waste liquid
Memory	:	up to 100 programs can be stored
Interface	:	RS232
Dimension	:	450(L)mmx310(W)mmx170 (H)mm
Net Weigh	:	7.5kg
Power Supply	:	AC220V±10%, 50/60Hz; AC110V±10%, 50

Technical Specifications under go to Change without notice period.



Haxane Instruments India Pvt. Ltd.

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Content Code : 66-HIN

Hematology Analyzer

Technical Specifications:

Model –HHA-660-iN

Parameters	WBC, Neu#, Lym#, Mid#, Neu, Lym%, Mid%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR
Histograms	WBC, RBC, PLT histogram
Languages	English, Spanish, Italian, Portuguese, etc.
Calibration	Manual and Auto-calibration
Quality control	3 level QC, LJ graph
Sample volume	Venous mode: 10/ JI_ venous blood Capillary mode: 10/ IL capillary blood Prediluted mode: 204 capillary blood
Display	8-inch color touch screen Liquid Crystal Display (LCD)
Resolution	800 600
Storage	100,000 sample results with histograms
Reagent	Lyse (500mL) and Diluent(20L)
Printout	Thermal printer, support external printer
Temperature	18-35 °C
Power	AC 100-240V, 50/60±1Hz
Dimension	410mm x435mm x472mm

MEASUREMENT RANGE :

Parameters Measurement range

- WBC (0-99.9 x 10⁹)/L
- RBC (0-9.99 x 10¹²)/L
- HGB (0-300.0)g/L
- PLT (0-999 x 10⁹)/L

SALIENT FEATURES:

Throughput: 35T/H 8-inch touch screen 20 parameters + 3 histograms <> Sample volume: 10 µl <> Reagents only <> Counting modes <> 100,000 sample results <> Support LIS and external printer.

PARAMETERS PRECISION (CV)

- WBC = 2.0% (7.0 -15.0x10⁹) L
- RBC = 1.9% (3.5 - 6.0 x10¹²) L
- HGB = 1.9% (110.0 - 180.0g) L
- MCV = 0.4% (80.0 - 110.0) fL
- HHA = 4.0% (100.0 - 500.0 x 10⁹)/L

Technical Specifications under go to Change without notice period.



Haxane Instruments India Pvt. Ltd.

CE -AN ISO 9001 -2015 Certified Company



Digital Dry Bath Incubator (Interchangeable Blocks)

Content Code : 68-HIN

Model -HDB 680-iN

Technical Specifications:

Display	16 X 2 Line Alpha Numeric LCD
Display Format	Menu driven
Hole (Interchangeable Blocks)	25 Holes for 12.5 mm tubes
Setting	By Soft Touch Keys
Heating Devices	Test Tube Dry Bath
Temp. Sensing Devices	RTD/ PT100/ Digital Semiconductor
Range	5°C above ambient to 150°C
Resolution	1°C
Accuracy	± 1°C
Calibration	Manual (if required)
Block size	24 x 12 mm Tube holders.
Block Material	Rock solid Aluminum block.
Power Supply	230 V ±10% AC 50 HZ

SALIENT FEATURES:

Digital Dry Bath Incubator (Interchangeable Blocks) is an unique instrument for preservation & reaction of samples, Amplification of DNA, pre-denaturation of the electrophoresis, Blood serum coagulation in molecular biology, histology, clinical, environmental and industrial settings and incubation at regulated Temperature of the Dry Bath.

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Content Code :69 -HIN Gradient Thermal PCR Cycler

Technical Specifications: Model – HGP 690-iN

Capacity	:	96x0.2ml
Temp range	:	0°C To 99.9°C (Rt less than equal to 30°C)
Max cooling rate	:	> equals to 3.5°C/s
Heating/cooling rate	:	1°C/s-4°C/s(Adjustable)
Uniformity	:	<equals to $\pm 0.2^{\circ}\text{C}$ (20-75°C) < equals to $\pm 0.3^{\circ}\text{C}$ (95°C)
Gradient temp range	:	30°C -99°C
Gradient spread	:	2°C -30°C
Gradient uniformity	:	< equals to 0.2°C
Heated lief temp	:	30°c - 115°C
Environment Model	:	Manual selects
Speed program no.	:	200
Temp control	:	block, tube, calculated
Max no. of cycle	:	99
Display	:	5.7" inch 320x240pels LCD
Communication	:	USB 2.0/rs232
Size Lx W x H	:	382x269x251 mm
Weight	:	8.2 kg
Power supply	:	110V-220Vinternational general voltage

SALIENT'S FEATURES: Convenient and flexible module replacement modal<>Large size super-high-definition LCD screen<> user friendly interface makes program easier and faster<>Memory function in case of power down<>Low noise, low energy consumption, long service life<>Solemn, elegant appearance, innovative design<>Adjustable hot lid prevents reagents from evaporating<> Optimal panel keypad design for convenient operation<>Heated lid could be positioned at any angle<> Handle-module, more secure and convenient for module replacement, improving interchanging efficiency and long life span

ACCESSORIES : Operational Manual <> Dust Cover <> Main Unit .

Technical Specifications under go to Change without notice period.



Haxane Instruments India Pvt. Ltd.

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Content Code : 70-HIN **Bio-Chemistry Analyzer**

Technical Specifications: **Model – HBC 700-IN**

Test Method	End Point with Standard/Factor Two Point Kinetics (Fixed Time) Multipoint Kinetics Multi standard up to 8 standards Biochromatic, Dual Wavelength Absorbance Coagulation
Optical System	Principle: Photometric Analysis with Interference Filter Absorbance Range: 0.0000-3.0000 (Linearity: ±1%, Repeatability: 0.001, Resolution: 0.0001) Spectral Range Selection: Automatic Via Filter Wheel Wavelengths: 340, 405, 450, 505, 546, 578, 630 nm + 2 Free Positions, ± 2 CML Precision Light Source: 6 V 10 W Long Life Tungsten Halogen Lamp Detector: Photodiode
Thermal System	Peltier Regulated 25°C, 30°C, 37°C & Room Temperature <>Accuracy: ± 0.3°C
Cuvettes	Flow Cell: Quartz 32 µl <> Path Length: 10 mm<> Removable Cuvette (Square and round)
Printer	Inbuilt Thermal Printer (57mm) Optional External Printer
Display & Input System	7.0-inch color touch screen External Keyboard, Mouse facility
Suction System	Pressure Auto releasing Peristaltic Pump Suction Volume: 300 pl to 3.0 ml Air Column facility after each sample to avoid carry over.
Test Parameter, Storage & CPU	Test Parameters: Up to 300 2,00,000 test results with editable patient information Storage of Quality Control And standard results DDR2 SDRAM: 1 G bit Flash: 256 MB ARM Cortex A8, 720 MHz
Quality Control	Low-Jennings Chart Using Westgard's Rule Auto Drawing of QC figures
Operating Conditions	Temperature: 10°C-37°C <> Relative Humidity: <85%
Power Requirement	Voltage: 100-240 V AC (Auto Adaption)
Dimensions	Frequency: 50/60 HZ <> External Power Adaptor: 19 V 4.7 Amp
Dimensions:	400X300X160 (L*W*H) <> Weight: 6 Kg

SALIENT FEATURES : Highly Stable and accurate <> Absorbance Range up to 3.000 <> Range Selection Automatic Via Filter Wheel <> Inbuilt Thermal Printer <> Up to 300 test parameters<> Storage of 2,00,000 test results with patient information <>

ACCESSORIES: Printer Paper Roll <>Removable Cuvette<>Optical Mouse <>External Key Board <>AC Adapter.

Technical Specifications under go to Change without notice period.



Haxane Instruments India Pvt. Ltd.

CE-AN ISO 9001 -2015 Certified Company



Content Code : 71 -HIN

Technical Specifications:

DIGITAL VORTEX MIXER

Model :-	HVX-1082-iN	HVX- 1081-iN	HVX -1080-iN
Rotating Speed RPM	300 to 4200	300 to 4200	4200
Time	1 to 999 minutes and infinite	No	NO
Increment / Decrement	10 rpm	No	No
Pulse Mode	Adjustable	No	NO
Operation Mode	Touch/Continuous / Speed Regulation /		No
Orbital diameter	4mm		
Max. Load Capacity	500g		
Protection Class	IP21		
Rated Voltage	24v 1.5 amp		
Rated Power	20W		
Frequency	50/60Hz		
Ambient Temperature	5 to 40° C		
Maximum Humidity	89%		
Net Weight	3.2 Kg(approx.)	640 g (Approx)	640 g (Approx)

Silent Features:It is widely used In life science. physical and chemical analysis fields, for vigorous re-suspension of cells or chemical pellets. It is suitable for 0.2ml to 50ml micro tubes and test tubes or small containers less then 108mm diameter

<>Continuous and touch operation<> Adjustable speed - Range from 300 to 4200 Rpm
 <>Brushless DC motor for maintenance Free long time<>Digital Dual display for Speed and time<>Orbital diameter of 4mm<>Built in counter balance for steady and smooth operation<>Time setting From 1 to 999 minutes for continuous operation <> programmable PULSE mode<> Broad range of optional accessories.

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Content Code : 72 -HIN

Urine Analyzer

Technical Specifications:

Model – HUA -4012-iN

Introduction: - Urine Analyzer is a high-precision, intellectual instrument which is researched and developed basing on modern optics, electronics, computer science and other advanced technologies for clinical inspection of urine. GLU, BIL, SG, KET, BLD, PRO, URO, NIT, LEU, VC and PH in urine can be tested by using it with special test strips. It can be widely used in various medical and health departments as one of the main clinical laboratory instruments.

Functions: <> High-luminance and white LED, features in long life and good stability.
<> Large LCD screen, high luminance, abundant contents display, optional languages: Chinese and English. <> User-friendly interface.
<> Optional units: international unit, conventional unit and symbol system.
<> Three working mode: one-step/slow/fast testing mode, suitable for different user group.
<> Monitoring the whole test process, auto-character and audible prompt.
<> Be compatible with 8, 10 and 11-parameter test strip.
<> Standard RS232 interface and interface for data communication.
<> Built-in thermal printer.

CE-AN ISO 9001 -2015 Certified Company



Content Code : 73-HIN

HIGH SPEED REFRIGERATED CENTRIFUGE

Model – HRC -1480-iN

Technical Specifications:

Speed(Rpm)	100-16500
Maximum Centrifugal Force(xg)	18757
Maximum Volume(ml)	12X5
Optional Rotor	16X1.5/2.0ml
Timing Range	1min-99min 1min -99 min
Accuracy(Rpm)	±20rpm/min
Power (W)	500 800 1300
Voltage AC220V	±22V/50Hz-10A
Noise Level	≤65Db
Centrifugal Chamber Diameter(mm)	Ø160
Temp. Range	-20~40 °C
Temp. Control Accuracy	±1.0 °C ±2.0 °C
Temp. Display Accuracy	0.1 °C
Temp. Uniformity	±2.0 °C
Temp. Adjustment Steps	1.0°C
Refrigeration Power(W)	150
Product Dimension(cm)	51X28X27
Packaging Dimension(cm)	61X38X37
Net Weight (Kg)	41.8 kg

Desktop High- Speed Refrigerated Centrifuge is widely used in clinical medicine Bio Chemistry, genetic engineering, immunology and other fields. It is a common instrument or centrifugation in Hospitals at all levels, research institutes, and Colleges and Universities , Agro Industries and Food Industries etc.

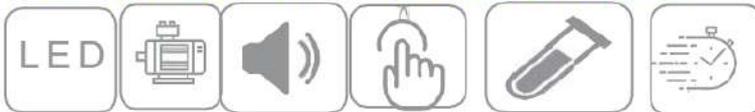
Silent Features : Using all MOC. Stainless Steel Centrifugal chamber<> AC Variable frequency motor drive, smooth and quiet operation <> 10-Speed acceleration and deceleration control <> Adopt electronic door lock to enhance security .



DIGITAL BENCHTOP CENTRIFUGE

Content Code: 74 HIN

Model-HC - 1481-IN



LED Display 100-5000 RPM Maximum 24 Hours Working Easy Read to Operation 8x15ml, 8x12ml, 8x10ml (5000RPM) Timing Range : 10s~99min 59s

Model	HC -1481
Speed Range rpm	100-5000
Speed Control Accuracy rpm	±10
Timing Range	10s-99min59s
Motor Type	Brushless Motor
Max RCF xg	2795
Tube Capacity	8x15ml/8x12ml/8x10ml
Display	LED
Voltage V AC	100 -240
Power W	150
Gross Weight Approx	28.8 kg

TECNAL FEATURES:

<> ABS high strength shell, surface frosted, not easy to age, beautiful and light, and in line<> LED display, adjustable speed, time and other parameters, functional partition display, beautiful and clear<> DC brush less motor, low noise, maintenance free, high-speed bearing, stable operation<> Multiple time settings, precise control, high work efficiency, multi-functional encoder adjustment, and barrier free function setting<> With program preset function, it can save 5 different running programs.

<> Centrifuges use centrifugal force to separate liquid and solid particles or components in liquid and liquid mixtures Machinery. Separate the solid particles from the liquid in the suspension; Separate two liquids of different densities from each other in an emulsion.



LED Display



100-5000 RPM Maximum



24 Hours Working



Easy Read to Operation



8x15ml, 8x12ml, 8x10ml (5000RPM)



Timing Range : 10s~99min 59s

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Content Code : 75-HIN

Model: HAAS-2101-iN

ATOMIC ABSORPTION SPECTROPHOTOMETER

Technical Specifications:

PARAMETER	Computer controlled, High performance, optically Single beam Atomic Absorption Spectrometer having following specifications.
OPTICS	Real-time Double beam with Deuterium background
MONOCHROMATOR	CZ design with 330 mm focal length, 1800 line/mm grating and 185-930 nm wavelength range. Automatic emission wavelength selection and peaking. Continuously variable slits with 0.2 to 2 nm spectral bandwidth. Automatic wavelength scanning. Selected wide range
DETECTOR	high-performance multi-alkali Photomultiplier tube R928
MOTORIZED LAMP TURRET	Eight lamp motorized turret with automatic lamp selection and individual lamp peaking automatically warmed up. Compatible with standard & coded hollow cathode lamps
FLAME CONTROL	Manual flame control fully safe and sturdy having independent flow meter regulator for fuel and oxidant. NEBULIZER Fully inert nebulizer
NEBULIZER	Fully inert nebulizer
SPRAY CHAMBER	PTFE spray chamber and adjustable impact bead aerosol.
BURNER	Titanium burners for C ₂ H ₂ -N ₂ O & C ₂ H ₂ - AIR
SENSITIVITY	Greater than 0.7 abs for 5 mg/L copper solution with an RSD of less than 0.5% Characteristics concentration of copper 0.030 ug/ml
OUTPUT PORT	USB CONNECTIVITY FOR PC
SOFTWARE	Windows 10 based user-friendly software
DIMENSION	100 x 55 x 58 cm (LxHxW)cm
WEIGHT	65 kg. Unpacked
ELECTRICAL REQUIREMENTS	220/240 V AC, 50/60 Hz, 800 VA
HOLLOW CATHODE LAMPS	67 Element high-intensity Single Element available

SALIENTFEATURES: Highly Stable and accurate <> Single Beam Optics<>8lamp turret <> Range 190 - 900 nm<>1800 lines grating (USA)user friendly software.

ACCESSORIES: Software CD<> USB Cable <>Manual<>Cathode Lamps (Optional) <>Acetylene Cylinder (Optional) <>Nitrous Oxide Cylinder (Optional) <>Regulators (Optional) Moisture Filter (Optional)

CE -ISO 9001 -2015 Certified Company



Content Code : 76-HIN

Model: HAAS-2103-iN

ATOMIC ABSORPTION SPECTROPHOTOMETER

Technical Specifications:

PARAMETER	Computer controlled, High performance, optically double beam Atomic Absorption Spectrometer having following specifications.
OPTICS	Real-time Double beam with Deuterium background
MONOCHROMATOR	CZ design with 330 mm focal length, 1800 line/mm grating and 185-930 nm wavelength range. Automatic emission wavelength selection and peaking. Continuously variable slits with 0.2 to 2 nm spectral bandwidth. Automatic wavelength scanning. Selected wide range
DETECTOR	high-performance multi-alkali Photomultiplier tube R928
MOTORIZED LAMP TURRET	Eight lamp motorized turret with automatic lamp selection and individual lamp peaking automatically warmed up. Compatible with standard & coded hollow cathode lamps
BACKGROUND CORRECTION	Deuterium arc Radiation ULTRA FAST-PULSE 1024 Hz background corrector Wavelength correction range 185-425 nm, Corrects to 2.5 total absorbances
AUTOMATIC FLAME	Programmable gas controller with digital display of CONTROL UNIT flow, Full safety interlock including built-in pressure regulator on both lines, power failure protection, auto shut down of flame, burner drain, door interlock and electronic flame igniter & real-time status sensing. fitted bung and pressure relief bung.
NEBULIZER	Fully inert nebulizer
SPRAY CHAMBER	PTFE spray chamber and adjustable impact bead aerosol.
BURNER	Titanium burners for C2 H2 –N2O & C2H2- AIR
SENSITIVITY	Greater than 0.7 abs for 5 mg/L copper solution with an RSD of less than 0.5% Characteristics concentration of copper 0.030 ug/ml
OUTPUT PORT	USB CONNECTIVITY FOR PC
SOFTWARE	Windows 10 based user-friendly software
DIMENSION	100 x 55 x 58 cm (LxHxW)cm
WEIGHT	65 kg. Unpacked
ELECTRICAL REQUIREMENTS	220/240 V AC, 50/60 Hz, 800 VA
HOLLOW CATHODE LAMPS	67 Element high-intensity Single Element available

SALIENT FEATURES: Highly Stable and accurate<> True Double Beam Optics <> 8 lamp turret<> Range 185 - 930 nm<> 1800 lines grating (USA) <> Variable Bandwidth 0.1 to 2 nm <> user-friendly software .

ACCESSORIES: Software CD USB Cable Manual<> Cathode Lamps (Optional)<> Acetylene Cylinder (Optional) <>Nitrous Oxide Cylinder (Optional)<>Regulators (Optional)<>Moisture Filter (Optional).

Technical Specifications under go to Change without notice period.



Haxane Instruments India Pvt. Ltd.

Co2 Incubator -CI



Co2 INCUBATOR

- Pre-Order Selection Options For Research and cell growth
- UV lamp for air jacket.
- Heat Sterilization - 120°C to 180°C.
- Co2 and O2 Gas Sensor
- Water Jacketed.
- Touch Screen Display
- Fan less design to reduce chance of contamination, reduce noise.
- Fan with in chamber HEPA for better recovery and ISO class 5 clean air Or higher

Co2 Incubator -HI

TRI-GAS Incubator Co2, O2 and N2



Carbon dioxide (CO₂) incubators provide optimal growing conditions and contamination prevention for valuable cell cultures. 'HAXANE INDIA' provides a wide range of CO₂ incubators, ranging from a small capacity and volume to a large scale capacity cabinet.

All the CO₂ incubators are build with the patented Water Jacket and Air Jacket systems, which minimizes the risk of condensation at the present and in the future.

Features:

- Water tank for humidity in the chamber.
- Air jacket: equipped with UV Lamp for sterilizing; Water jacket: equipped with HEPA filter.
- Equipped with USB port and LCD Display, the incubator can save data in real time.
- High quality CO₂ gas filter ensures the inside gas quality.
- SMC brand gas circuit valves ensure more stable CO₂ concentration and less consumption of CO₂ gas.
- Microcomputer controller, LED displays temperature, CO₂ concentration, run-time and timing.
- High quality infrared sensor for accurate CO₂ concentration.
- The working chamber adopts round angle structure, easy to clean

Models:

Model	HCO- 50C-iN	HCO-80C-iN		HCO-160C- iN	
Capacity	50L	80L		160L	
Heating	Air jacket	Air jacket	Water jacket	Air jacket	Water jacket
Temp. Range	RT +5 – 60°C				
Control Type	Microcomputer controller				
Temp. Fluctuation	< ± 0.2°C(at 37°C)				
Temp. Uniformity	< ± 0.3°C(at 37°C)				
Time Setting	999h or continuous				
Alarm	Audible and visual alarm;Over-temperature alarm;CO ₂ Concentration alarm.				
Shelves	2 pcs/ adjustable				
Material	External cold-rolled steel with painting; internal stainless steel				
Door	With inner door and external door				
CO ₂ Range	Infrared sensor, range 0–20%				
CO ₂ Control Resolution	0.10%				
Humidification Type	Water tank for natural evaporation				
Sterilization Type	UV lamp for air jacket				
Ambient Temp. & Humidity	18–30°C.suggest 2±2°C; relative humidity <80%				
Caster	Footmaster caster				
Consumption	350W	600W	875W	650W	1000W
Power Supply	AC110/220V±10%, 50/60Hz				
Internal Size(W*D*H)mm	368*387*408	398*446*498	380*450*590	498*546*678	498*480*722
External Size(W*D*H)mm	500*527*621	600*590*921	626*543*1033	700*666*1101	747*654*1200
Packing Size(W*D*H)mm	655*680*970	730*735*1070	680*780*1220	790*830*1250	780*880*1420
Gross Weight(kg)	69	83	109	109	146

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Content Code : 78-HIN

TECHNICAL SPECIFICATIONS:

B. O. D. INCUBATOR

Model	* HBI 4-iN / ** HBS 4-iN	* HBI 6-iN/ ** HBS 6-iN	* HBI 8-iN / ** HBS 8-iN	* HBI 10-iN ** HBS10-iN	* HBI 12-iN / ** HBS 12-iN
Volume	4cft (113.2ltr)	6cft (169.9ltr)	8cft (226.5ltr)	10cft (283.1ltr)	12cft (339.8ltr)
Temp. Range	4°C ~ 60°C	4°C ~ 60°C	4°C ~ 60°C	4°C ~ 60°C	4°C ~ 60°C
Temp. Resolution	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temp. Uniformity	± 1°C	± 1°C	± 1°C	± 1°C	± 1°C
Temp. Deviation	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Working Temp.	4°C ~ 60°C	4°C ~ 60°C	4°C ~ 60°C	4°C ~ 60°C	4°C ~ 60°C
Continuous Working	0~9999 minutes.	0~9999 minutes.	0~9999 minutes.	0~9999 minutes.	0~9999 minutes.
* HBI	B. O. D. INCUBATOR				
** HBS	B. O. D. INCUBATOR cum SHAKER				

· Power Supply 220V ± 10V/50Hz single phase A.C.

Microprocessor control temperature and timer LED display (PT100) temperature Controller and running timer
Stainless steel (SS304) inner, with door lock The glass door is convenient for observation Over temperature
alarm Automatic alarm after operation BOD culture (optional interior with socket)

The double-door design provides excellent insulation. After opening the outer door, you can observe the
items through the built-in large glass door and lighting device. It has a wider vision.

Microcomputer temperature controller can adjust the temperature and time. It has high precise temperature
control and easy to adjust. It has accurate and intuitive display value, reliable performance, beautiful overall
appearance and it is convenient to use and maintain.

We Make & Supply Customize Material i.e. Laminar Air Flow, Fume Hood, Furnace, Oven, Water Bath etc.

Technical Specifications under go to Change without notice period.



Hexane Equipments India Pvt. Ltd.

CE-AN ISO 9001 -2015 Certified Company



Content Code :79 -HIN Standard Hot Air Oven
 Technical Specifications:

High Quality Hot Air Oven

MODEL	HHO 1218-iN	HHO 1824-iN	HHO 2024-iN	HHO 2436-iN	HHO 3048-iN
Inner Chamber MOC	12" X 12" X 18"	18" X 18" X 24"	20" X 20" X 24"	24" X 24" X 36"	30" X 30" X 48"
Temp range	+5°C above ambient temperature to +300°C	+5°C above ambient temperature to +300°C	+5°C above ambient temperature to +300°C	+5°C above ambient temperature to +300°C	+5°C above ambient temperature to +300°C
Temp Accuracy	0.5°C	0.5°C	1°C	1°C	1°C
Working Temp	Upto 250°C	Upto 250°C	Upto 250°C	Upto 250°C	Upto 250°C
Temp Resolution	±1°C	±1°C	±1°C	±1°C	±1°C
Temp. display cum Control System	PID Digital - LED (PT100 Sensor)				
Inner Chamber MOC	Stainless Steel of 304 Grade				
Outer Chamber MOC	Made on Heavy Gauge Angle Structure		CRC Steel Sheet with Bi Color Powder Coated Heat Spray Painting		
Insulation	Non Hygroscopic Glass Fiber Wool Insulation minimum Three Inches (3") Thickness				
Heating	Heating Element Kanthal - (U Type - SS) are place at the Two Side of the oven chamber (its Secure You from Split or leakage and short circuit in electrical / heating elements) .				

Silent Features : Inner Chamber made by S.S. 304 and outer body made by m.s. powder coded Digital Display , with PID Controller

Technical Specifications under go to Change without notice period.



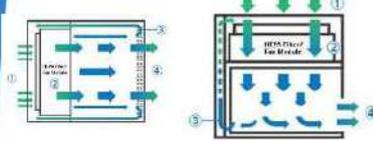
Haxane Instruments India Pvt. Ltd.

CE-AN ISO 9001 -2015 Certified Company



Content Code : 80-HIN

TECHNICAL SPECIFICATIONS:



- Pre -filter 99.00% down to 5micron.
- HEPA Filter Class 5 (Class 100) 99.97%-99.99%,. Down to 0.3 micron. Mesh guard for protection of HEPA filter.
- Airflow Frontward Horizontally and Vertical.
- Switches for Blowers, LED light & UV light with MCB
- Heavy Duty Blower Dynamically balanced
- Noise Level 60 decibel ± 5%.
- Front door made of acrylic. & slide Panels ± .5mm thick acrylic Or Glass
- UV Lamp 15/30W, make Philips
- Illumination 20/40W, LED tube with diffuser.
- Work Table Made up of S. Steel 304 . Cock for gas on work table.
- Pressure inclined Manometer 0-50mm range.

Vertical Laminar Air Flow	
Horizontal Laminar Air Flow	

MODEL	Working Area	MOC Table Top	MOC Structure	Front View / Door	Side View
HXSSLAF2-iN HXSSLAF3-iN HXSSLAF4-iN	2 x 2 x 2 ft 3 x 2 x 2 ft 4 x 2 x 2 ft	S.S. 316	S.S. 304	Polycarbonate front door with counterweight arrangement	Glass side panels
HXMSLAF2-iN HXMSLAF3-iN HXMSLAF4-iN	2 x 2 x 2 ft 3 x 2 x 2 ft 4 x 2 x 2 ft	S.S. 304	Mild Steel	Polycarbonate front door with counterweight arrangement	Glass side panels

SALIENT FEATURES :

Power Supply 230V ± 10V/50Hz single phase A.C.

- Cabinet made of 304 / Maild Streels mm Polycarbonate front door with counterweight arrangement covered with from MOC Table SS 304 /316 Outate Mild Steels optional Inner table and outate Body Full SS 304 /316.

outside and epoxy painted from inside.

We Make & Supply Customize Material i.e. etc.

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Content Code: 81 -HIN

Technical Specifications: DIGITAL INCUBATOR

Model	HIB 1224-iN	HIB1444-iN	HIB 1888-iN
Volume : (Approx.)	35 Ltr	(45 Ltr)	(97 Ltr)
Temp. Range	Ambient to °C - 70°C	Ambient to °C - 70°C	Ambient to °C - 70°C
Temp. Resolution	1°C	1°C	1°C
Temp. Uniformity	± 1°C	± 1°C	± 1.5°C
Temp. Deviation	± 1°C	± 1°C	± 1°C
SIZE (Ltr) and (Inches) (Approx.)	12 x 12 x 14	14 x 14 x 14	<u>18 x 18 x 18</u>
Racks	1 (2Rack Optional)	2	3



circulation fan. Convenient used to 97 Ltr and above

Power Supply 220V ± 10V/50Hz single phase A. C.

Microprocessor control temperature and timer LED display (PT100) temperature Controller and running timer Stainless steel (SS304) inner, with door lock The glass door is convenient for observation Over temperature The double-door design provides excellent insulation.

Microcomputer temperature controller can adjust the temperature and time. It has high precise temperature control and easy to adjust. It has accurate and intuitive display value, reliable performance, beautiful overall appearance and it is convenient to use and maintain.

Pl. Note: We Make & Supply Customize Material i.e. Laminar Air Flow, Fume Hood, Furnace, Oven, Water Bath

B.O.D. INCUBETOR etc.

Technical Specifications under go to Change without notice period.



Haxane Instruments India Pvt. Ltd.

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Company Brochure 2025-26
Made in India

Part – II Scientific Instruments

HAXANE INSTRUMENTS INDIA PVT. LTD.

Manufacturer, Exporter & Importer

Head Office: 55, Banskroni Govt. Colony, Kolkata-700 070, W.B. India.

Ph. No :+919874528572/6291980926

Email id : maniksarkar.haxa@gmail.com

**Workshop : Ramkrishna Para ,
Dist. Darjeeling, Siliguri-734010, W. B.India.**

www.haxaneindia.com