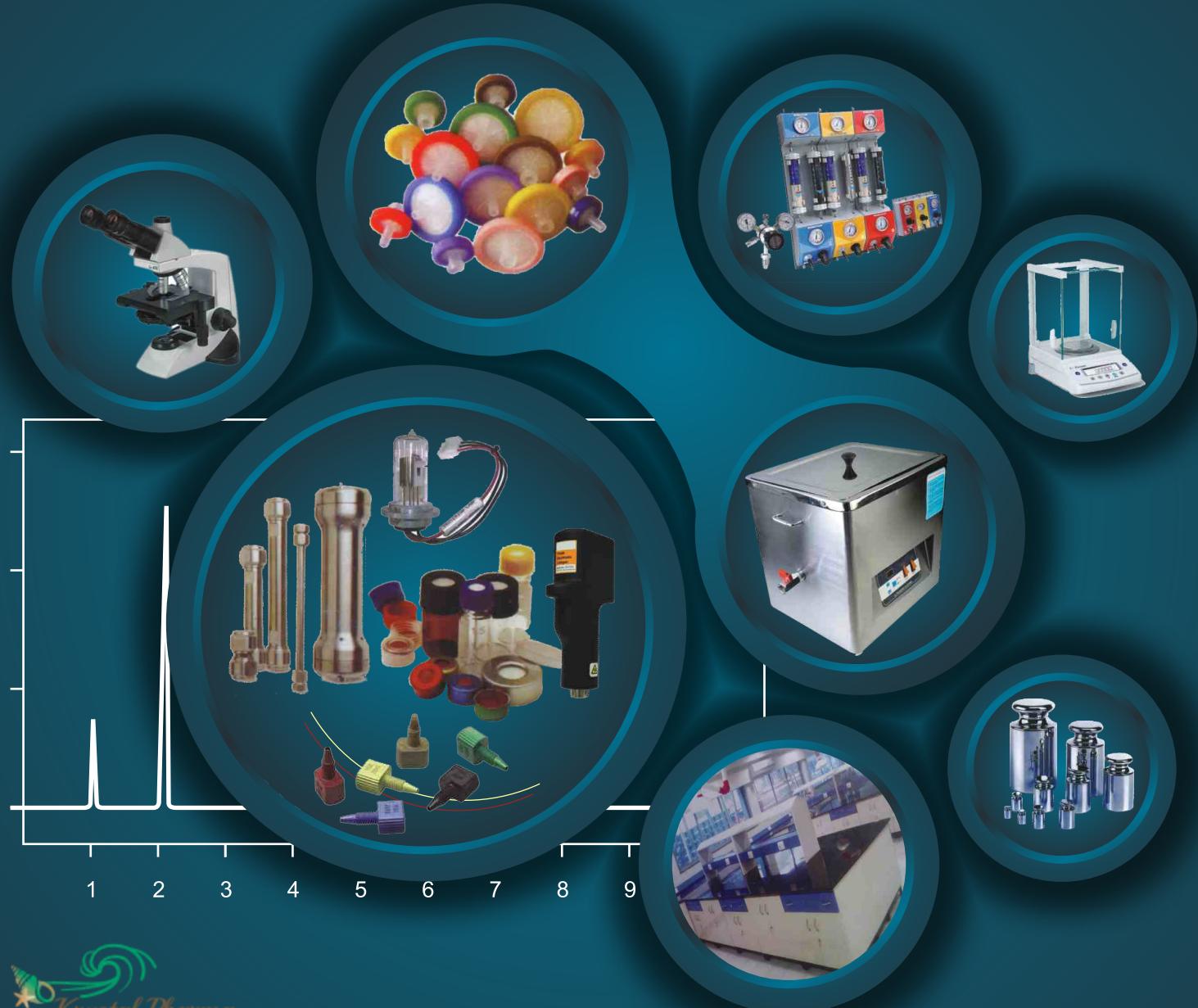


All Types Of Laboratory

HPLC / GC / Analytical Accessories / Consumables & Instruments / Equipments



Krystal Pharma Engineering

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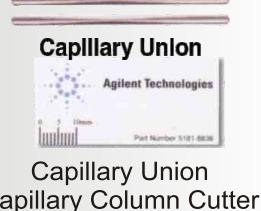
HPLC Consumables

Column End Plug	Machined, Molded, Shimadzu, Union Peek Finger Tight Fittings / Unions	Peek Tubing	SS 10µ Slip On Filter, Last Drop Filter Mobile Phase Filter
For SS Tubing, For Peek Tubing Tube Cutters	Rheodyne Loop/ Rotor Seal		Union, Tee, Nut & Ferrule SS Fittings
Pre Column Filter Holder & Frit		Syringe Filter	
Solvent Filtration Kit	Solvent Safety Caps	HPLC Spares for Waters, Agilent, Shimadzu, Perkin Elmer, Merck, Hitachi etc.	

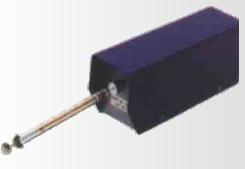
Vials, Caps, Septas, Crimper & Decrimper

Autosampler Vials	1.5ml Screw Top Vials with Blue Screw Cap & PTFE Septa (9 mm)
2ml/1.8ml Screw Top Vials with Black Screw Cap & PTFE Septa (8 mm)	20ml Vials with 20mm Aluminum/Magnetic/Bimetallic Crimp Cap & Septa
2 ml/1.8ml Crimp Top Vials with 11mm Aluminum Crimp Cap & Septa	1ml Shell Vial with Snap Plug
PP Vial with Cap & Septa	8mm/9mm Pre Slit Septa for Black/Blue Screw Cap with & without Bonded
Star Clip with Star Septa & Aluminum Cap for PE HSS	Crimper / Decrimper (Automatic)
	Crimper / Decrimper (Electronic)
	20mm Septa for HSS

GC Consumables

			
			
			
Packed Columns	Capillary Columns	Ferrules (Teflon / Graphite)	
			
Fine Control Valves	Needle Valves / Gas Sampling Valves	Column Adapters	Capillary Column Nuts
			
Nut & Ferrule	Liners	Capillary Union Capillary Column Cutter	Fittings

GC & HPLC Syringes

				
SGE Syringes (GC/HPLC)	Hamilton Syringes (GC/HPLC,AUto Sampler/HSS)	Exmire Syringes (GC/HPLC)	HPLC Needle & Point Style	Syringe Cleaner

D2 Lamp (UV/HPLC)/Hollow Catahod Lamp AAS)

		
D2 Lamp for UV/HPLC	Hollow Cathod Lamp	Tungston/Halogen Lamp

HPLC Liquid Flow Meter



- The ideal instrument for IQ/oQ/PQ and troubleshooting
- Accurate to 1% of reading with guaranteed linearity from 0.05 to 25.00 ml/min
- Durable and easy to use with any HPLC pump
- Easy diagnosis of leaking piston seals or malfunctioning check valves
- Automatic Data Transfer
 - Dramatically simplify liquid flow rate data collection for HPLC IQ/OQ/PQ
 - Collect flow rate data via RS232 or with a new optional battery powered mini printer or with software
- Specially designed software converts data received in to PDF file. Average set of data & gives average reading, mean value standard deviation & many more.

Digital Gas Flow Meter



DFM-01 / DFM-02/DFM-03

Technical Specifications:

Flow Range:

DFM-01: 1 ml/min. to 50 ml/min. with least count of 0.1 ml/min
DFM-02: 5 ml/min. to 500 ml/min. with least count of 1 ml/min
DFM-03: 200 ml/min. to 2000 ml/min. with least count of 1 ml/min
DFM-04: 1 ml/min. to 500 ml/min. with least count of 0.1 ml/min (auto range)
DFM-05: 1 ml/min. to 1000 ml/min. with least count of 0.1 ml/min (auto range)
DFM-06: 10 ml/min. to 400 ml/min. with least count of 1 ml/min (auto range)

Accuracy : ±2% of Reading, ±1 Digit

Power Supply : 230 VAC, 50 Hz, 10W

Resolution : 0.1 ml/min. & 1 ml/min

Dimensions :
DFM-01: 27 cm (H) x 13 cm (W) x 10 cm (D)
DFM-02: 27 cm (H) x 13cm (W) x 10cm (D)
DFM-03: 27 cm (H) x 13 cm (W) x 10 cm (D)
DFM-04: 25cm (H) x 16cm (W) x 4cm(D)
DFM-05: 17 cm (H) x 7 cm (W) x 3.5 cm (D)
DFM-06: 20cm (H) x 10cm (W) x 4cm(D)

Optional Attachment : Battery Operated Rechargeable System

DFM-04

DFM-05

DFM-06



Glass Soap Bubble Flow Meter
0 - 50 ml & 0 - 100 ml



Rotameter

Rotameter is used to measure flow for different gases.

Body: Acrylic body or glass body (aluminium encased) with appropriate float as per flow and gas requirement.

Size: Standard size available is 6"-8" length with needle valve

Inlet & outlet connection: Back side with 1/4" BSP female connection with panel mounting, table mounting

stand are also available.

Range: Any range in LPM or ml/min (cc/min) or LPH

HPLC Columns Storage Cabinet

Available in 4 sizes : Columnstore 30, 60, 90 and 120

Stackable : Unique stacking kit allows increase the number of columns you can store at any time.

100% Steel Cabinet : Quality, Solid steel construction with chrome-plated D-Ring handles

Optional Fittings Tray : Moulded 6 position tray for easy storage of HPLC tools and fittings

Versatile : Store up to 12 x 12.5cm columns in a single drawer, or a combination of short columns, guard columns and analytical columns. Holds all columns up to 30cm long



Specification :

CSC 30 (Capacity -30 HPLC columns (5 drawers))

Dimension (WxHxD) : 280 x 330 x 410 mm

CSC90 (Capacity : 90 HPLC columns (5+5+5 drawers)

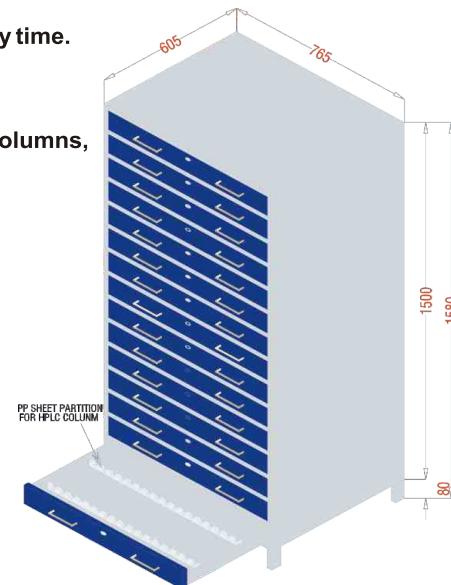
Dimension (WxHxD) : 280 x 990 x 410 mm

CSC60 (Capacity : 60 HPLC columns (5+5 drawers)

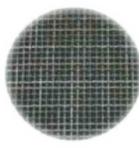
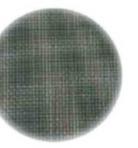
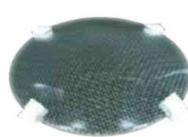
Dimension (WxHxD) : 280 x 660 x 410 mm

CSC120 (Capacity : 20 HPLC columns (5+5+5+5 drawers)

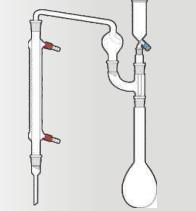
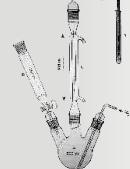
Dimension (WxHxD) : 280 x 1210 x 410 mm



Dissolution Consumables & Accessories

Dissolution Tester Accessories  • 10/20 Mesh Basket • 40 Mesh Basket (USP Standard Size Mesh) • 40 Mesh Basket (PTFE Coated Special Order)	Suspended Basket Assemblies  Basket Shaft with 10 Mesh Basket	Suspended Basket Assemblies  Basket Shaft with 20 Mesh Basket	Suspended Basket Assemblies  Basket Shaft with 40 Mesh Basket	Suspended Basket Assemblies  Felodipine Basket 8 Mesh
PTFE (Teflon) Paddle 	Polished Stainless Paddle 	Sampling Cannula 	Basket, Paddle Stand 	3 Prong Capsule Sinkers in 316 SS 
Cage Type 	Metformin Tablet Holders (USP) 	Japanese Type Sinkers 	Prochlorperazine Buccal Tablet Holders 2 	8 Mesh Basket Sinker 1.06" L BY 0.62W Capacity 
Japanese Type Basket Sinker 8 Mesh 0.76" L BY 0.41" W Capacity 	Spring Style Capsule Sinkers 316SS, 15.5mm L x 5mm W 	Spring Style Capsule Sinker 316 SS, 18mm L x 6mm W 	Spring Style Capsule Sinker 316 SS, 23mm L x 8mm W 	Spring Style Capsule Sinker 316 SS, 31mm L x 11mm W 
Spring Capsule Sinker 316 SS, 0.84" mm L x 0.37" mm W Capacity, 8.5 Coils 	Spring Capsule Sinker 316 SS, 0.84" mm L x 0.385" mm W Capacity, 5 Coils 	Spring Capsule Sinker 316 SS, 0.885" mm L x 0.58" mm W Capacity, 8.5 Coils 	Spring Capsule Sinker (Coated Music Wire,) 0.84" mm L x 0.37" mm W Capacity, 8.5 Coils 	Spring Capsule Sinker (Coated Music Wire,) 0.84" mm L x 0.385" mm W Capacity, 5 Coils 
Paddle Over Disk Assembly Available in 85mm, 65mm, 55mm, 49mm, 33mm Disc Sizes 	16 Mesh, 316 SS Screens 	20 Mesh, 316 SS Screens 	30 Mesh, 316 SS Screens 	40 Mesh, 316 SS Screens 
Transdermal Patch Holder 	Clip for APPFIVE 	17 Mesh Screen 	Transdermal Cylinder - Small Transdermal Cylinder - Bing	
INTRINSIC DISSOLUTION KIT 		BULK DENSITY TESTER 	DISSOLUTION VESSEL 	

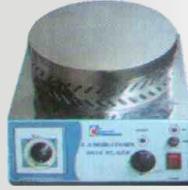
Laboratory Instruments / Analytical Accessories

 <p>Solid Sampling Hydraulic Press</p> <p>Manual Press</p>	 <p>Automatic Press</p>	 <p>Polymer Film Making Equipment is intended for preparation of cast Films or Sheets From Polymers Like LDPE, HDPE, PP, POLYSTYRENE etc.</p>	 <p>Heating Mantle</p>
 <p>Colony Counter</p>	 <p>Coated Magnetic bars</p>	 <p>CSC Bostwick Consistometer</p>	 <p>Digital Friability Test Apparatus</p>
 <p>Digital Oil Bath</p>	 <p>Diaphragm Type Vacuum Pump</p>	 <p>Cyclo Mixture</p>	 <p>Vortex Mixer</p>
 <p>Mini Rotary Shakers</p>	 <p>Solvent Filtration Kit</p>	 <p>Membrane Filter Funnel</p>	 <p>Membrane Filter Funnel 1</p>
 <p>Syringe Filter Holders S S</p>	 <p>Nitrogen Assembly</p>	 <p>Sulfur Dioxide Determination Apparatus Assembly</p>	 <p>Freezing Point Apparatus</p>
 <p>Analytical Balance</p>	 <p>Precision Balance</p>	 <p>Precision Balance</p>	 <p>Precision Balance</p>

BALANCES

Laboratory Instruments / Analytical Accessories

Sonicator :

				
Prob Sonicator 1.5 liters	3.5 liters	6.5 liters	Recirculating Chiller	Low Noise Ultra Sonicator
				
20 Ltr	20 Ltr With Chiller	30 Ltr	50 Ltr Unbuild chiller	
				
100 Ltr Micro Plus Model	Water Bath Shakers	Rectangular Water Bath	Water Bath (Thermostatic)	
				
Serological Water Bath Static / Digital	Round Surface Hot Plate	Rectangular Surface Hot Plate	Magnetic Stirrers with Hot Plate	
				
Mini Centrifuges	Centrifuges	Micro Centrifuges	Tintometer	
				
Dry Bath (Incubator)	Orbital Shaking Incubator	B. O. D. Incubator	Orbital Shaking Incubator	

Laboratory Instruments / Analytical Accessories

			
			
			
			
HPLC Column Washing Pump			
			
HPLC Column Oven			
			

Laboratory Instruments / Analytical Accessories

Laboratory Instruments / Analytical Accessories

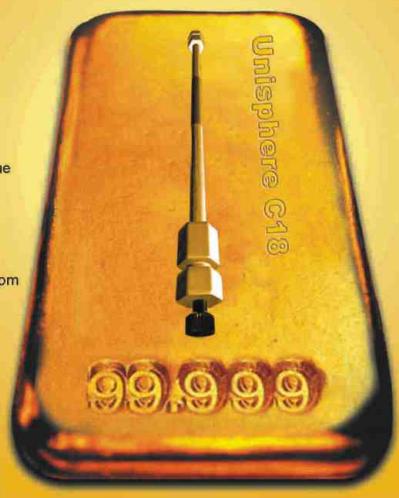
Unisphere HPLC columns

Excellent Performance-to-cost Value

- ◆ Double End-cap, Good Inertness
- ◆ Good Stability and Reproducibility
- ◆ Excellent Performance-to-cost Value

Technical Parameters:

High-purity silica, Metal Impurity<10ppm
Average Particle Size : 5μm
Specific Surface: 320m²/g
Pore Size: 100A
Carbon Loading: 18%
pH Range: 1.5-9.0
Efficiency: >80.000/m
TF: 0.98-1.20



HPLC Vial Crusher Machine



SS Tubing Cutter
Plier Type



SS Tubing Cutter
Cutting Wheel Type



PEEK Tubing Cutter



PEEK Tubing Cutter

For Microbiology



Petri Dish Sterilizing Boxes



Petri Dish & Exposing Stand



Staining Assembly



Spreader Stainless Steel



Stainless Steel Cork Borer



Slide Trays / Stand



Dressing Drums



Slide Cabinet - Individual



PR=DP1 Motor
Mist Sprayer



Centrifuge Tubes

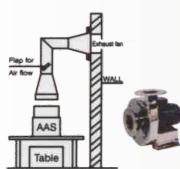
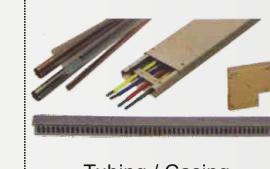
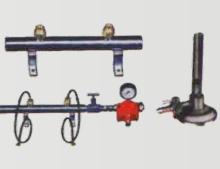
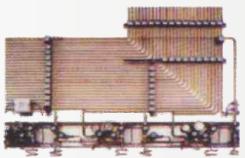
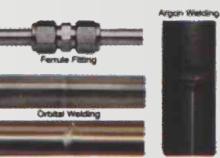


Micro Pette Liquid Handlings



Test Tube Rack

Gas Purification & Controls System & Accessories

				
Installation :				
				
				
				
	1)  2)  3) 			
				
				

SYRINGE FILTERS

Syringe filters



- Available in Nylon PTFE PES MCE and PVDF
- Color coded for easy identification
- Polypropylene housing
- Resuable storage container
- Cost-effective

Specifications :
Pore Size : 0.22 μ m 0.45 μ m
Diameter : 13mm 25mm

Effective Filtration Area
0.63 cm² for the 13 mm syringe filter
3.5 cm² for the 25 mm syringe filter

Retention Volume
Less than 15ul for the 13mm
Less than 75ul for the 25mm



Nylon Syringe Filters

Description	Quantity	Description	Quantity
13mm 0.22um Syringe filters	100/pk	13mm 0.45um Syringe filters	100/pk
25mm 0.22um Syringe filters	100/pk	25mm 0.45um Syringe filters	100/pk



MCE (Mixed Cellulose) Syringe Filters

Description	Quantity	Description	Quantity
13mm 0.22um Syringe filters	100/pk	13mm 0.45um Syringe filters	100/pk
25mm 0.22um Syringe filters	100/pk	25mm 0.45um Syringe filters	100/pk



PTFE Syringe Filters

Description	Quantity	Description	Quantity
13mm 0.22um Syringe filters	100/pk	13mm 0.45um Syringe filters	100/pk
25mm 0.22um Syringe filters	100/pk	25mm 0.45um Syringe filters	100/pk



PVDF Syringe Filters

Description	Quantity	Description	Quantity
13mm 0.22um Syringe filters	100/pk	13mm 0.45um Syringe filters	100/pk
25mm 0.22um Syringe filters	100/pk	25mm 0.45um Syringe filters	100/pk



PES Syringe Filters

Description	Quantity	Description	Quantity
13mm 0.22um Syringe filters	100/pk	13mm 0.45um Syringe filters	100/pk
25mm 0.22um Syringe filters	100/pk	25mm 0.45um Syringe filters	100/pk

UV Cuvettes

Cuvettes available in following sizes :

- 1mm Path Length
- 2mm Path Length
- 5mm Path Length
- 10mm Path Length
- 20mm Path Length
- 40mm Path Length
- 50mm Path Length
- 100mm Path Length

Hellma Analytics
High Precision in Spectro-Optics

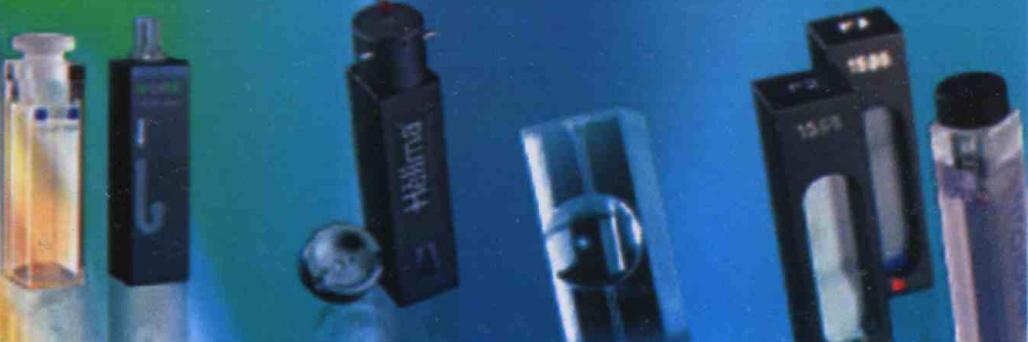
Cells

Micro Volume Analysis

Fibre Optical Systems

Calibration Standards

Microplates



ELECTROMAGNETIC SIEVE SHAKER

Tri-dimensional Sifting Motion

- The instrument produces tri-dimensional movement combining a vertical movement with a rotation of the material to be sifted on the surface of the sieve

Modes of Sifting

- Continuous
- Intermittent (helps to clear blocked apertures)

Low Maintenance

- Instrument is powered by an electromagnetic drive which has no rotating parts, making it maintenance free and quiet in operation

Isolation of Vibrations from Work Surface

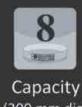
- Non-metallic springs and anti-vibration mountings are fitted to isolate vibrations from work surfaces and reduce noise levels

Programmable Amplitude

- Programmable amplitude (0.5 mm to 2 mm) in steps of 0.1 mm
- Amplitude feedback allows a smart adjustment of power to give reliable results independent of sample weight

Features

- The vibratory action produced by the power unit moves the sample all over the sieve in a unique way producing faster and more efficient sieving
- The unit has been designed for user friendly operations
- 40 x 4 character alphanumeric display
- The unit has 15 levels of amplitude upto a maximum of 2 mm as recommended by USP
- The top plate of the sieve shaker has clearly marked calibrated lines to aid visual inspection of the amplitude
- The instrument is fitted with a special clamping device that ensures that the sieves are held firmly and allows them to be quickly removed and replaced
- Closed loop control of amplitude and validation independent of load
- Very low noise operation with low maintenance
- iTIME™ (programmable from 10-99 sec) mode for proper sifting of matter



Capacity
(200 mm dia)



Capacity
(100 mm dia)



User friendly

Analytical Weights



Standard Weight E1, E2 Analytical Weight F1, F2 Recalibration



Laboratory Furniture



ANTI VIBRATION TABLE



Fume Hoods & Extraction



Auto By-Pass Standard
Fume Hood



Walk-In type Fume Hood



GS Framino + Fume Hood



Chemical Storage Cabinet

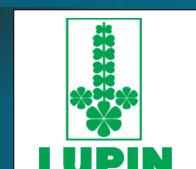
Our Valuable Clients



Ajanta Pharma



A Hikai Group Company



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