

ULTRA THERMO



DUST CHAMBER MODEL : DC 1800L-VDC-10A

Internal dimensions: 1200 X 1200 X 1200mm (H)

Volume : 1800 Ltrs.

Dust Type

Portland Cement Dust (JIS R 5210 or equivalent)
Talcum Powder Dust

Facilities

5 Pane Vaccumised Viewing window on the front door with viewing light and wiper
Circulation Motor and Blower Assembly for precise circulation of dust inside the cabinet
0-30V Variable DC Power Supply Unit, 10Amps Rating (to power the Samples under test)
Programmable Timer to set Dust Circulation time and Interval, Power Supply ON/OFF time, Duration of the test.

1 No. Access port hole : 75mm dia.

Stainless Steel Mesh type Loading and Dust CollectionTray

Door Interlock, 14SWG Square Tube MS Powder Coated Trolley with Heavy Duty Castors

Noise proof thermocoal insulation.

Others

Flame proof wiring, RYB Indication, Single Phase preventor, Trip Indication

Circuit Breakers & OLRs for Circulation Motor;

Stainless steel interior and MS Powder Coated Exterior

Electrical : 3 Phase, 440V, 50Hz

Tempson	High Performance programmable timer assembly – 3 Nos.
Standard	Interconnection Cables (5 Mtr Standard Length)
Standard	Technical, Operation and Maintenance Manuals
Standard	Commissioning & Operational Training

ULTRA THERMO SCIENTIFIC

New No. 19, Old No, 3A, Manimegalai Street, East Tambaram, Chennai 600 059

Email : ultrathermoscientific@gmail.com; thermo@yours.com

TNGST 0962538/03-04; CST 770373 dt. 17.9.03

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Dust Chamber with Variable DC Power Supply

Electrical	Make	Qty.
Circulation motor	Almonard / Standard	1set.
MCB for circulation motor	Merlin Gerin	1no.
OLR with contactor for circulation motor	Telemechanic	1no.
Control MCB	Merlin Gerin	1no.
PROGRAMMABLE Timer	Tempson	3nos.
Variable 0-30VDC, 10A Power Supply Unit	Tempson	1no.
SSR with heat sink	Standard	1no.
On indication for timers	Telemechanic	3nos.
Trip indication	Telemechanic	1no.
R Y B indication	Telemechanic	3nos.
Single phase preventor	Minilac	1no.
Duct	Standard	3nos.
Din rail	Standard	2nos.
Connectors	Wago	15nos.
Wires	Flameguard	1Job.
Mains cable	Standard	5mtrs.
Viewing window light	Phillips	1no.
Electrical accessories		1Job.

Fabrication	Make	Qty.
Outer Cabinet		
Side covers		
Bottom and side base	16swg / MS	1Set.
Main door	18swg / MS	1Set.
Inner Cabinet	20swg / SS	5nos.
Bottom mesh tray	SS 304	1no.
Hinges / latch / wheel / motor / lifting plate	MS	1Job.
Magnetic gasket	Rubber	1Job.
Heavy duty latch	SS 304	2nos.
Heavy duty Hinges	Standard	2nos.
Handle	SS 304	1no.
Wheel	Standard	4nos.

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5 Pane Viewing window	400 x 400	1no.
Wiper for viewing window	Standard	1no.
Screws and bolt nut	Standard	1 Set
Blower	Standard	1no.
Blower assembly	Ms powder coat	1Set.
Insulation thermocoal	2"	2 bundle
Powder coating	Standard	1Job.
CNC Fabrication	Standard	1Job.
Transportation	Standard	1Job.
Fabrication accessories	Standard	1Job.

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