PURETRONICS
Purely Global

BS EN 50200:2006

CABLE TESTING EQUIPMENT WITH FIRE, WATER & SHOCK

SPECIFICATIONS:

Equipment Compliance with standard	BS EN 50200:2006
On Demand can be supplied as per	BS EN 6387:1994 OR BS EN 7846:2000
Control Panel Size	850 x1480 x 670mm
Test Equipment Size	1640 x1600 x 500mm
Cabinet Enclosure	300 x 300 x 300 mm
Weight of Test Equipment with Control Panel	550 kgs Approximately.
Material used for Test Equipment	Stainless Steel Structure
Datalogging Facility	Logging of various useful data for quality control & Report Generation.
Input power Supply & Frequency	3-Phase , 415Vac, 50-60 hz, 2 Amperes.
Voltage selection for cable testing	600/1100VAC cables/1500VAC cables.
Test to resistance of unprotected cable size	Upto 20mm outer diameter of the cable
No. of cores for test	Upto 5 cores.
Presettable Digital Timers	For Water, Shock & Total test time
PLC based Interlocking	For Alarming Purpose, Safety, Sequence Of Operations & HV OFF/ON

KEY FEATURES

- Test equipment structure & frame made up of Stainless Steel & frame for rust free, long life operation.
- Clamping arrangement on Test Wall is very user friendly, can be replaced easily for different test cable sizes.
- Thermocouple is placed with removable clamps & easily adjustable fixing.
- Audio & Visual alarm facility for fault & tripping status.
- Datalogging of KV applied, Fault Status, Average Temperature & Current with respect to real time.
- Heavy Duty Step-Up Transformer for High Voltage.
- Digital Ammeter, Digital KV Meter, Digital Timer, Digital speed setting of hammering device.
- Adjustable Hammering Speed.
- Water vessel with measuring scale to collect the water from the well designed Water Tray, which do not allow water to spill on floor during test.
- Easy to connect Inlet of Air, Gas, Water & Power Supply to test equipment.
- Continuous ALERT signal (Audio/Visual) while test is ON.
- Accurate & highly reliable Flow Meters, Pressure Gauges & Solenoid Valves for trouble free operation for years together. In addition, Air & Gas filter used to protect above devices.
- Adjustable Burner height arrangement for easily adjusting the desired position of flame.
- Electronic Ignition & Flame Failure Detector is in-built features of the system.
- Specially designed electronic tripping circuit is used to give acknowledgement of fault during Test.

FEATURES/RATINGS & IT'S EXTENSIONS

DESCRIPTION	TEST EQUIPMENT REQUIREMENT COMPLIANCE WITH STANDARD BS EN 50200:2006 (RANGE / ARRANGEMENT)	FIRE SURVEILLANCE CABLE TESTING EQUIPMENT FROM PURETRONICS (RANGE / ARRANGEMENT)
Test Temperature	Cable subjected to fire at conventional temperature at 842° Celsius	The temperature can be extended upto 950° Celsius
Mechanical Hammering Shock	2 stokes/min.	Variable Rate of shock at 1-5 stokes/min.
Water Spray	Water Drenching Spray arrangement is fixed.	Adjustable Water Spray, Cover plate arrangement to restrict water on Burner.
Water Vessel	To collect water from Water Tray during Test.	Water Vessel with Measuring Scale to show volume of water flown.
Water Tray	Fixed arrangement	Easily Removable for cleaning of ashes.
Buzzer or Hooter	Audio Facility	Audio & Visual Alarm facility for end of test & HV ON/OFF or Fault command.
Burner	Arrangement is fixed.	Burner Up/Down arrangement with scale is provided if required.
High Voltage Applied	High voltage test upto 1100VAC	Variable 0 to 2500VAC

APPLICATIONS:

Method of test for resistance to fire of unprotected small cables for use in emergency circuits

- Electric Cables
- Fiber Optic Cables
- Data Transmission Cables
- Emergency Lighting Cables
- Communication Cables

www.pureindia.net
A-37, Virwani Industrial Estate, Western Express Highway, Goregaon (E), Mumbai - 400 063. India.
Tel.: +91-22-2927 1400 / +91-22-2927 1500 / +91-22-2927 1600. E-mail: marketing@pureindia.net • sales@pureindia.net