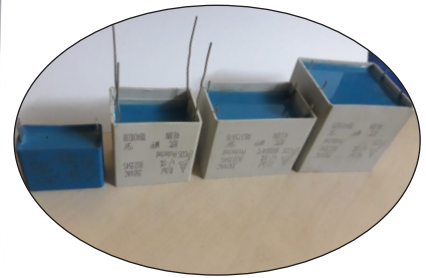


FINAL CAPACITOR TESTING SYSTEM



LEAD TYPE FINISHED CAPACITOR

ACCURACY - DURABILITY - VERSATILITY

Features

- Individual Stations Groups for Testing.
- Except loading & Unloading of the capacitors (Manual Loading & Unloading) all the other operations such as Continuity Test, AC HV Testing, Discharges, DC & IR Test, Discharges, Value & Tan-D Measurement, ESR Measurement testing & Reject Binning are automatic ensuring no manual errors
- Testing Date are logged in CSV Format.
- Capacitance Value Up to 50mfd can be test.
- Precision measuring equipment's are used for monitoring every test parameter ensuring high standard of testing .
- AC High Voltage up to 1KV can be applied to test the capacitor for HV withstanding capacity.
- DC & IR Test will be performed (the voltage ranges from 100 or 250 or 500V DC and charging current 200mA for IR Test
- ESR Test will be performed as per the Pre-Set Value on equipment
- Capacitor Binning through Motorized buffer conveyor for Finished Capacitors.
- Operator Safety interlock @ Loading area & Doors with Sensors.

TECHNICAL SPECIFICATION

*Capacitor with Led Length		40mm Capacitor Size 53X57X50 Max
Loading & Unloading		Manual
Capacitor Type		2 or 4 Terminal Type
Station 1	Load 3Nos of Capacitor with same value for Continuity & AC HV Test @ 1000V. Failed Capacitors are ejected automatically to Bin & Good Capacitors operator needs to take out.	
Station 2	Load 3Nos of Capacitor with same value for DC & IR Test (from 100/250/500V DC & Charging current 200mA for IR Failed Capacitors are ejected automatically to Bin & Good Capacitors operator needs to take out.	
Station 3	Load 3Nos of Capacitor with same value for C & Tam D Measurement Failed Capacitors are ejected automatically to Bin & Good Capacitors operator needs to take out.	
Station 4	Load 3Nos of Capacitor with same value for ESR Measurement @ 10KHz Failed Capacitors are ejected automatically to Bin & Good Capacitors operator needs to take out.	
Safety Interlock	All Voltage Testing Stations are having individual Discharges faility	
	During Testing Station are covered for operator safety	
Control Switches	Provided Each Testing Stations	
AC HV Voltage		Up to 1000V Ac
Capacitance Range		Capacitance Meter Model 2016C with basic accuracy of 0.1%, Test Frequency of 1kHz, LCD display for measurement results and test conditions with Rs232 communication
*Capacitance Range		1mfd to 50mfd
General Specification		
Power Supply		415 /380V, 3 Phase , 50/60Hz, 8kW
Air Supply		Compressed Air @ 6 bar. Consumption 5cfm
Floor Space		3900mm x 3150mm x 2400mm (L x W x H)
Machine Weight		1500Kgs (Approx)

* Other specification available on request.

Note: We reserve the right to modify above specifications at any time. Please confirm your specification before ordering.