

RETS 250

GLOBONIC'S
MFG OF SPECIAL PURPOSE MACHINES

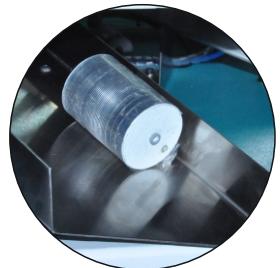
AUTOMATIC ROTARY ELEMENT TESTING SYSTEM



ELEMENT FEED THROUGH HOPPER



WIDE RANGE ELEMENT GRIPPER



AUTO SORTING (EJECTION)

ACCURACY

DURABILITY

VERSATILITY

Features

- Rotary Type Indexing of 16 Station Positioning. Testing Station for Zinc Sprayed Capacitor element.
- All operation are automatic like Element loading, Ac /Dc Testing , Cap & Tan-D Measurement & Sorting.
- Facility to handle capacitors with dimensional range of length 25mm to 110mm & diameter 16mm to 150mm.
- AC High Voltage up to 1000V can be applied to test the capacitor for HV withstanding capacity.
- Testing Date are logged in CSV Format.
- DC High Voltage up to 2500V can be applied to test the capacitor.
- No change parts for different length and diameter of capacitor.

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TECHNICAL SPECIFICATION

Element Length		25 mm to 110 mm	
Core OD		9mm (Others Optional:- 16mm, 27mm, 32.2mm & 42 Hex Core)	
Element Diameter		Ø 16 mm to Ø 150 mm Up to Ø60mm Dia auto feeding through Vibrator. Above Ø60mm manual feed)	
Station 1	Loading	Station 9	AC high Voltage test Upto 1000V AC with Current Monitor
Station 2	AC short clearing @ 150V & 300V	Station 10	Discharge through resistor & HV Reject Element Ejection
Station 3	0 - 50% of the set DC volts	Station 11	Direct Short
Station 4	0 - 75% of the set DC volts	Station 12	C & Tan D Measurement through 4 terminal kelvin arrangement up to jigs.
Station 5	0 -100% of the set DC volts	Station 13	Good Elements Ejection
Station 6	DC Measurement at 100% (Voltage /Current Measure Selection Option available)	Station 14	Value Reject / Re-Test Element Ejections
Station 7	Discharge through resistor	Station 15	Empty
Station 8	Discharge through resistor	Station 16	Tan & D Reject / Re-Test Ejection
DC Voltage		0 - 2500V DC @ Max 200mA	
AC Voltage		0 - 1000V AC Load Current @36A Max. Under series resonance	
Capacitance Meter		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 250mfd	
Measurement Frequency		1KHz & 100Hz	
Safety Measurement		Safety enclosures with door sensors to testing area	
Production Per Hour		950 - 1000 Nos	
General Specification			
Power Supply		415 V AC ± 5%, 50 Hz, 3ph, 28kW.	
Machine Weight		1600 Kgs. (Approx.)	
Air Supply		Compressed air @ 6 bar. Consumption 6cfm	
Floor Space		3400mm x 2200mm x 2400mm . (L x W x H).	

* Other specification available on request.

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