

RETS100RF

GLOBONIC'S
MFG OF SPECIAL PURPOSE MACHINES

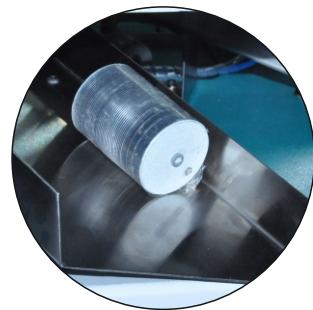
AUTOMATIC ROTARY ELEMENT TESTING SYSTEM



ELEMENT FEED THROUGH HOPPER



WIDE RANGE ELEMENT GRIPPER



ROUND & FLAT ELEMENTS TESTING



ACCURACY

-

DURABILITY

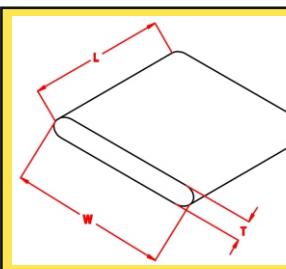
-

VERSATILITY

Features

- Rotary Type Indexing of 12 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 Round capacitors with dimensional range length 25mm to 110mm & diameter 16mm to 60mm.
- Facility to handle Flat capacitors with dimensional range length 20- 80mm Width 12-40mm & Height 8-32mm
- Testing Date are logged in CSV Format.
- AC High Voltage up to 1000V can be applied to test the capacitor for HV withstanding capacity.
- DC High Voltage up to 2500V can be applied to test the capacitor.
- No change parts for different length and diameter of capacitor.

RETS100RF

Element Length		25 mm to 110 mm										
Core OD		9mm (Others Optional:- 19mm Core)										
Round Element Dimensions		\varnothing 16 mm to \varnothing 60 mm Up to \varnothing 40mm Dia auto feeding through Vibrator. Above \varnothing 40mm manual feed)										
Flat Element Dimensions		As per below chart										
Station 1	Loading	Station 9	Direct Short & Voltage Rejection Bin									
Station 2	AC short clearing @ Up to 100V	Station 10	C & Tan D Measurement									
Station 3	0 - 50% of the set DC volts	Station 11	Good Elements Ejection									
Station 4	0 - 75% of the set DC volts	Station 12	Value & Tan-D Reject / Re-Test Element Ejections									
Station 5	0 -100% of the set DC volts	FLAT ELEMENT SIZE										
Station 6	DC Measurement at 100% (Voltage /Current Measure Selection Option available)	 <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>L</td><td>20</td><td>80</td></tr> <tr> <td>W</td><td>12</td><td>40</td></tr> <tr> <td>T</td><td>8</td><td>32</td></tr> </table>		L	20	80	W	12	40	T	8	32
L	20	80										
W	12	40										
T	8	32										
Station 7	Discharge through resistor											
Station 8	AC High Voltage test Up to 1000V AC											
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 100mfd										
Measurement Frequency		1KHz										
Safety Measurement		Safety enclosures with door sensors to testing area										
Production Per Hour		1000 - 1100 Nos										
General Specification												
Power Supply		415 V AC \pm 5%, 50 Hz, 3ph, 8kW.										
Machine Weight		1200 Kgs. (Approx.)										
Air Supply		Compressed air @ 6 bar. Consumption 6cfm										
Floor Space		2050mm x 3100mm x 1830mm . (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.

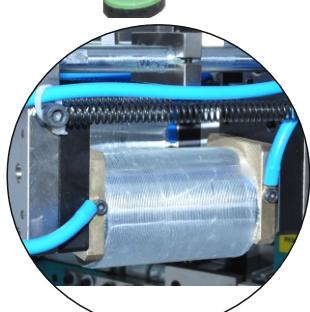
RETS 60RF

GLOBONIC'S
MFG OF SPECIAL PURPOSE MACHINES

AUTOMATIC ROTARY ELEMENT TESTING SYSTEM



ELEMENT FEED THROUGH HOPPER



WIDE RANGE ELEMENT GRIPPER



ROUND & FLAT ELEMENTS TESTING



ACCURACY

- **DURABILITY**

- **VERSATILITY**

Features

- Rotary Type Indexing of 8 Station Positioning. Testing Station for Zinc Sprayed Capacitor element.
- All operation are automatic like Element loading, AC HV, Cap & Tan-D Measurement & Sorting.
- Facility to handle Round capacitors with dimensional range length 25 to 100mm & diameter 16 to 60mm.
- Optional Facility for Flat capacitors with dimensional range length 20 to 80mm Width 12 to 40mm & Height 8 to 32mm
- Testing Date are logged in CSV Format.
- AC High Voltage up to 1000V can be applied to test the capacitor for HV withstanding capacity.
- No change parts for different length and diameter of capacitor.
- Element Sorting as Good, Voltage Reject & Re-Test Elements

RETS 60RF

TECHNICAL SPECIFICATION

Element Length		25 mm to 100 mm	
Core OD		9mm (Others Optional:- 19mm Core)	
Round Element Dimensions		Ø 16 mm to Ø 60 mm Up to Ø40mm Dia auto feeding through Vibrator. Above Ø40mm manual feed)	
Station 1	Auto Loading	Station 5	Direct Short & Voltage Rejection Bin
Station 2	AC short clearing @ Up to 100V	Station 6	C & Tan D Measurement
Station 3	Discharge through resistor	Station 7	Good Elements Ejection
Station 4	AC High Voltage test Up to 1000V AC (Voltage /Current Measure Selection Option available)	Station 8	Value & Tan-D Reject / Re-Test Element Ejections
<hr/>			
AC Voltage		0 - 1000V AC Load Current @25A Max. Under series resonance	
Capacitance Meter		Capacitance Meter with basic accuracy of 0.1%, Test Frequency of up 1kHz, LCD display for measurement results and test conditions with Rs232 communication	
*Capacitance Range		1mfd to 60mfd Max	
Measurement Frequency		1KHz	
Safety Measurement		Safety enclosures with door sensors to testing area	
Production Per Hour		1200 - 1400 Nos	
General Specification			
Power Supply		220 V AC± 5%, 50 Hz, 1ph, 8kW.	
Machine Weight		1000 Kgs. (Approx.)	
Air Supply		Compressed air @ 6 bar. Consumption 6cfm	
Floor Space		2050mm x 3100mm x 1830mm . (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.