

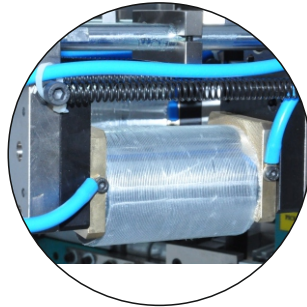
**RETS100RF**

**GLOBONIC'S**  
MFG OF SPECIAL PURPOSE MACHINES

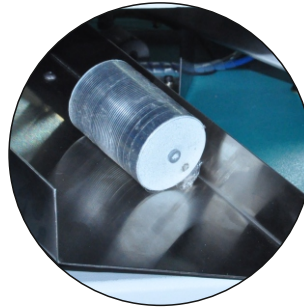
## **AUTOMATIC ROTARY ELEMENT TESTING SYSTEM**



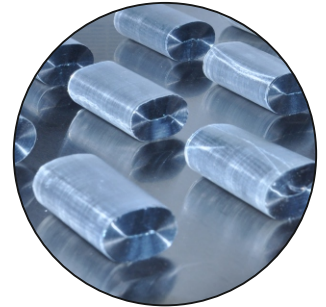
**ELEMENT FEED THROUGH HOPPER**



**WIDE RANGE ELEMENT GRIPPER**



**ROUND & FLAT ELEMENTS TESTING**



**ACCURACY**

-

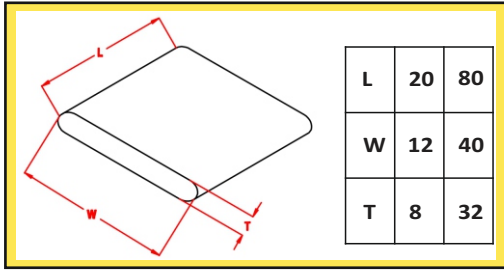
**DURABILITY**

-

**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.

Element Length		25 mm to 110 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)	
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	<div>FLAT ELEMENT SIZE</div> <div></div>	
Station 6	DC Measurement at 100% (Voltage /Current Measure Selection Option available)		
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± 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.

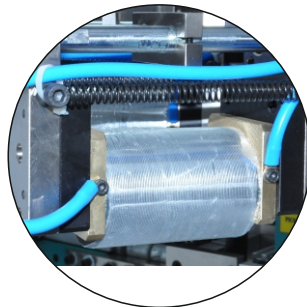
**RETS 60RF**

**GLOBONIC'S**  
MFG OF SPECIAL PURPOSE MACHINES

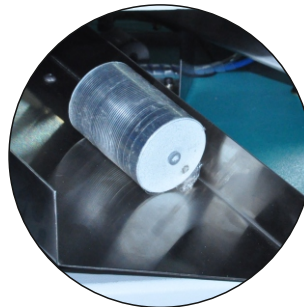
## **AUTOMATIC ROTARY ELEMENT TESTING SYSTEM**



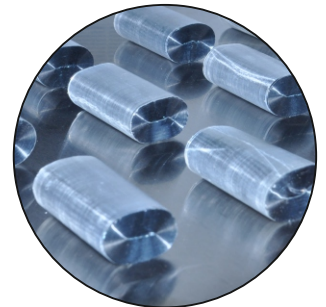
**ELEMENT FEED THROUGH HOPPER**



**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
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.

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MFG OF SPECIAL PURPOSE MACHINES

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