

## RGT-1309C

### Product Description

#### High Frequency Spark Tester

CE



#### Specifications:

Test Voltage: 1.0~15.0KV. Cable Diameter: 0~25mm. Output Frequency: 2.5-3.5KHz normal. Fast recovery time after fault (0.1s)

The Sine Wave Spark Tester is a fast and reliable instrument used in distinguish wire faults and detecting bare wires. Its high-speed fault detection feature gives you prompt information without worsening the condition of the wire after the test.

The use of high frequency (3KHz) enables a traditional commercial power frequency bead chain electrode to be shortened to 120mm HS015E Model.

The Sine Wave Spark Tester is quality-assured to meet your needs.

#### Basic Function

- Fast recovery time after fault (0.1 second).
- Occupies short space in line and with improvement factor of 50 compared to traditional CT power frequency electrode.
- Voltage Display: 0.0~15.0KV digit, 14.2mm LED display, Accuracy +/- 1% of reading

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- Output Control: Front Panel Reset in Manual Mode. Closure time is selectable
  - 0.2s/2s/5s in main board by jumper JP, Form C relay contacts (250VAC/5A) for all wire faults detected.
  - Limits the fault current without damaging the test equipment.
  - Short exposure time to corona does not degrade nor damage good insulation.
  - Distinguishes all wire faults and detects bare wire.
  - Safety Switch interlock.

### Basic Specification:

Specification	High Frequency Spark Tester For Cable
Output Voltage	0.0~15.0KV R.M.S.
Test Voltage	1.0~15.0KV R.M.S.
Cable Diameter	0~25mm
Maximum Load Current	4mA Resistive,40mA Capacitive
Output Frequency	2.5-3.5KHznormal
Electrode lengths	Bead Chain 120mm
Fault Indication	Indicating lamp,Counting by Digital Counter
Output Control	1 Form C relay Contacts(220VAC/5A)for all wire faults and bare wire faults detected
Input Control	SP1, SP2 input interlock control
Operating Model	Extruder Continuous Application
Power Source	175~264 Volts, 180VA, Single phase, 50/60 Hz
Operation Temperature	+4~45°C
Operation Humidity	<90%RH
Signal Cable Lengths	5M
Weight	Control Unit =5 kgs, Electrode = 8.5 kgs
Dimension Controller	360(L)x485(W)x90(H) mm
Gauge Head	330(L)x200(W)x390(H)
Line Speed	2000 M/min. maximum*

\*Follow UL 44, any point on the wire being traveled for not less than a total of 18 positive or negative crests of the supplied voltage.