

QS-LINE - Die neue Generation in der Meßtechnik für die Kabel-, Draht und Faserproduktion

BRUNO RICHTER



QS-Line High Frequency Spark Tester HT-4 Sine

QS-Line - Hochfrequenz-Sparktester HT 4 sinus

MESS-SYSTEME

The QS-Line High Frequency Spark Tester HT-4 Sine detects pinholes and blank spots on insulated threads and cables.



The QS-Line High Frequency Spark Tester HT-4 Sine checks the insulation of threads and cables for pinholes and blank spots. The unit is primarily used in wrapping and extrusion lines.

The test voltage is adjustable from 0,5 kV to 15 kV, 3 kHz. An internal control loop assures a constant high voltage even with fluctuating current consumption. The test voltage is digitally indicated on a display. A high safety-standard acc. to DIN/VDE standards is secured by a current limiter.

For reliable, non-destructive cable testing, different electrodes, head chains as well as brush electrodes are available. Long time maintenance-free operation is obtained due to the sturdy electrode housings.

Faults in insulation are indicated by a lamp and a relay. Data links are made via RS 232-, RS 485- and TTY interfaces. These interfaces can be used for external control of the spark tester's voltage and reset functions. Remote control can be made by an external 0...10 V DC source, too.

Efficiency Features:

- meets the relevant test standards (UL, VDE, CENELEC, BS...)
- cable diameter from 0,5 to 80 mm
- adjustable test voltage 0,5 to 15 kV 3kHz sine wave
- initial value indicator
- actual voltage displayed

BRUNO RICHTER · MESS-SYSTEME

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Um genau zu sein

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Specifications

QS Line	HT 4 Sine Wave
Voltage test range	0,5....15 kV
Test frequency	3 kHz sine
Cable diameter	0,5...80 mm
Electrode	spool chain, brush
Output power	4 mA. resistive, 40 mA capacitive
Fault indication	indicating light, relay
Fault counter	electronic
Test voltage display	XX.X kV
Test voltage control	0.....10 V DC
Line speed	3000 m/min max., depending on test standard
Interfaces	alternative RS 232, RS 485, TTY 20 mA

Options:

- stand for electrode housing
- ozone removal system
- multi-connection for several electrodes
- pre-selectable fault-limit

Technical modifications reserved

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