

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

BRUNO RICHTER

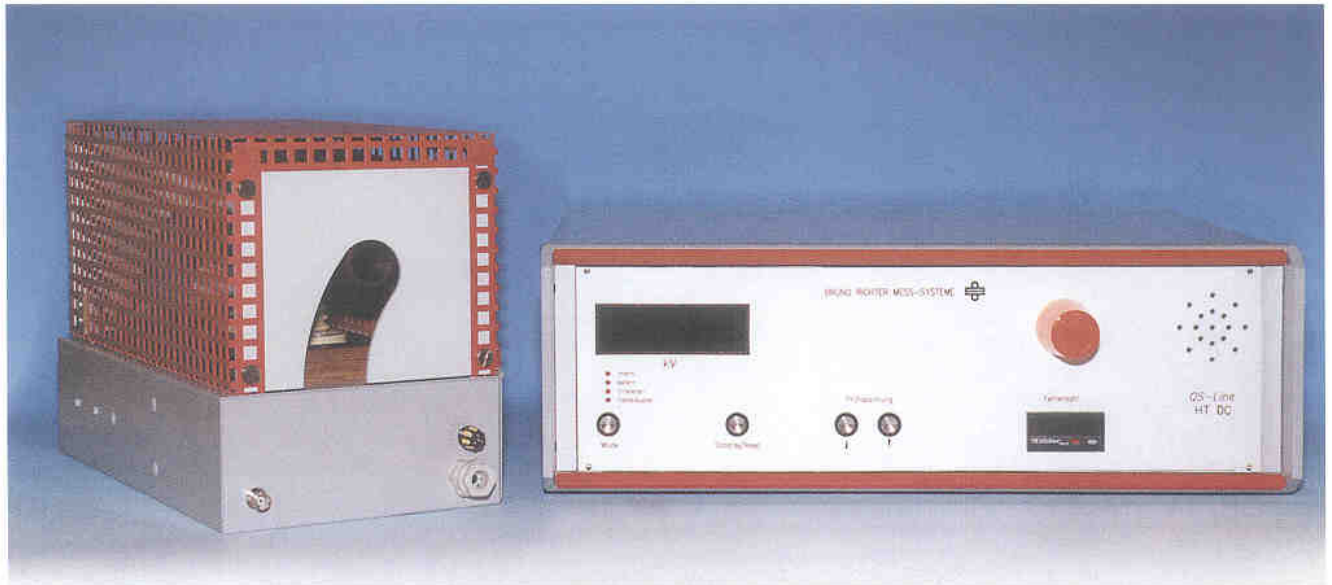


MESS-SYSTEME

QS-Line High Voltage Spark Tester HT-DC

QS-Line - Hochspannungs-Sparktester HT-DC

The **QS-Line High Voltage Spark Tester HT-DC** checks the insulation of cables with high voltage direct current.



The **QS-Line High Frequency Spark Tester HT-DC** checks the insulation of threads and cables for pinholes and blank spots. The „HT-DC“ is especially applied when „HT-4 Sine“ cannot be used, for example in case of very thin wires, cables with thin-walled insulation or in case of very large cables with high capacitive current consumption.

The voltage of the direct current is adjustable from 0,5...15 kV. An internal control loop assures a constant high voltage even with fluctuation current consumption. The test voltage is digitally indicated on a display. A high standard of safety 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. The strong constructed electrode housings provide a long time maintenance-free operation.

Faults in the insulation are indicated by a lamp and a relay. Data links are made via RS 232-, RS 485- and TTY interfaces. These interfaces also allow an 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:

- standard for safety acc. VDE 0 100
- adjustable test voltage 0,5 to 15 kV
- insulation tests with direct current
- indication of actual voltage

BRUNO RICHTER · MESS-SYSTEME

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QS-Line - Hochspannungs-Sparktester HT-DC
Specifications

<i>QS Line</i>	HT DC
Voltage test range	0,5....15 kV
Test frequency	DC
Test current, max.	0,5 mA
Cable diameter	0,2...80 mm
Electrode	spool chain, brush
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.
Interfaces	alternative RS 232, RS 485, TTY 20 mA

Options:

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

Technical modifications reserved

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