Vision on quality
www.tqc.eu

TQC HIGH VOLTAGE HOLIDAY DETECTOR

LD8503, LD8504

DATASHEET

PRODUCT DESCRIPTION

The TQC High Voltage Holiday Detector provides accurate detection of pinholes, flaws, inclusions, thin spots and bubbles in a coating. The gauge has been specifically designed to revolutionise high voltage DC testing of coatings, making it safer, easier and more reliable than previously possible.

APPLICATION/APPLICATION

Used for detection of coating porosity (pin-holes, or holidays) in dielectric (insulation type) coatings on conductive substrates, including concrete.

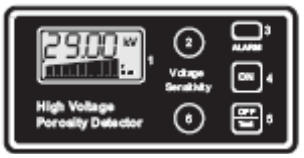
Side view

STANDARDS

ISO 2746

FEATURES

- Lightweight with ABS case
- Momentary on switch allows auto shut-off
- Digital display of applied voltage with integral battery condition indicator
- Regulated DC voltage
- Voltage ranges of 0-15Kv or 0-30Kv, fully adjustable
- Clip-on battery pack
- Constant test current
- Sensitivity control
- Overcharge protection
- Single power supply
- Earphones for noisy environments
- Optional on/off switch in handle



Control Layout

STANDARD DELIVERY

Complete with Industrial kit: Detector with clip-on power pack, 10hr Charger, Probe handle with neon and 2m lead, 60mm Connector for flat brushes, 7m Earth lead with clamp, Fan brush, 250mm Flat brass wire brush, 450mm Probe extension, Air-operated earphones, Shoulder & Waist Harness, Kit Case, Operating instructions with calibration certificate.

ART NO.

LD8503 TQC High Voltage Holiday Detector 30kV
LD8504 TQC High Voltage Holiday Detector 15kV

TQC B.V.
Nijverheidscentrum 14
2761 JP Zevenhuizen
The Netherlands
T 31(0)180 - 63 13 44
F 31(0)180 - 63 29 17
E info@tqc.eu
W www.tqc.eu

USE

The high voltage technique can be used to test coatings up to 36 mm thick. This method is ideal for inspecting paint on pipelines, tank bottoms and other protective coatings. Coatings on concrete can also be tested using this method.
The instrument has a lot of unique features. A current limiting to avoid coating damage, , and a safety hand grip without sensitive electronics. Extended ribbing on the handle provides an effective barrier between the high voltage and the user. Accurate sensitivity adjustment allows use on metallised or slightly damp coatings.

TECHNICAL DATA

	DC15	**DC30**
Unit Weight:	2.2 Kg.	2.2 Kg.
Packed weight:	6.0 Kg.	6.0 Kg.
Display:	LCD 3¾ digits	LCD 3¾ digits
Voltage:	0 to 15kv	0 to 30kv
Resolution:	10v	10v
Short circuit:	Test current	0.5mA max
Power supply:	Gel cell 3Ah slide-off	Gel cell 3Ah slide-off
Dimensions:	260 x 160 x 70 mm	260 x 160 x 70 mm
Alarm:	Audible and visual	
Probe handle:	2m high-voltage silicon-rubber lead	2m high-voltage silicon-rubber lead
Battery condition:	LCD display	LCD display

DISCLAIMER

The right of technical modifications is reserved.

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the product or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

.

TQC B.V.
Nijverheidscentrum 14
2761 JP Zevenhuizen
The Netherlands
T 31(0)180 - 63 13 44
F 31(0)180 - 63 29 17
E info@tqc.eu
W www.tqc.eu