PosiTect® LPD
Low voltage Pinhole Detector

Detects holidays, pinholes and other discontinuities in coatings on metal and concrete substrates.

DeFelsko®
The Measure of Quality
PosiTest® LPD
Low voltage Pinhole Detector

Features...

Simple
- Easy-to-use with bright, multi-function LEDs
- Ready to measure — both kits come with everything needed for testing
- Audibly and visibly alerts when flaws are detected
- Lightweight, ergonomic design

Durable
- Rugged, environmentally sealed enclosure
- Weatherproof, dustproof and shockproof — meets or exceeds IP65
- Two year warranty

Accurate
- Automatic self-test verifies voltage calibration
- Regulated voltage outputs will not drop under load
- Long Form Certificate of Calibration included with each instrument
- GroundSense® visibly reassures the user that the instrument is properly grounded
- Conforms to international standards including ISO, ASTM and NACE

Versatile
- A wide range of adaptable sponge hardware for a variety of test configurations
- Common threads and connectors allow for maximum flexibility
- Headphone jack with included earbud for noisy environments
- Uses 3 AAA alkaline or rechargeable batteries
- 4 voltage output options conform to a variety of standards

Specifications

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<th>Specifications</th>
<th>Basic Kit (LPDKITB)</th>
<th>Complete Kit (LPDKITC)</th>
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<tbody>
<tr>
<td>Voltage</td>
<td>9V ± 5%</td>
<td>67.5V ± 5%</td>
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<tr>
<td>Sensitivity</td>
<td>80kΩ ± 3%</td>
<td>90kΩ ± 3%</td>
</tr>
<tr>
<td>Thickness Range</td>
<td>0 – 500 µm (0 – 20 mils)</td>
<td>0 – 500 µm (0 – 20 mils)</td>
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<tr>
<td>Temperature Range</td>
<td>-10 – 50° C (14 – 122° F)</td>
<td>-10 – 50° C (14 – 122° F)</td>
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<td>Battery Life</td>
<td>&gt; 150 hrs (depending on battery type)</td>
<td>&gt; 150 hrs (depending on battery type)</td>
</tr>
<tr>
<td>IP Rating</td>
<td>meets or exceeds IP65</td>
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Size: 27 x 6 x 5.5 cm (10.6" x 2.3" x 2.1") without wand
Weight: 180 g (6.4 oz.) without batteries
Conforms to ISO 14654, ISO 8289-A, ASTM G62, G6, D5162, BS7793-2, NACE TM0384, SP0188, AS3894.2, JIS K 6766

Select from 2 PosiTest LPD Kit Options

Basic Kit (LPDKITB)
- Includes everything needed for detecting pinholes using a rectangular sponge wand
- Basic Kit comes complete with PosiTest LPD, base tube, 3 AAA batteries, rectangle sponge hardware, rectangle sponge, 4.5 m (15’) ground wire, insulating collar, ear bud, wrist strap, carabiner, Long Form Certificate of Calibration traceable to NIST, instructions, hard shell case, two year warranty

Complete Kit (LPDKITC)
- Includes the contents of the Basic Kit, adaptable sponge hardware and extension accessories

Adaptable Sponge Hardware for a variety of test configurations
- Rectangle (Flat)
- Roller
- Internal Diameter
- Additional 20 cm x 20 cm (8”x8”) sheet sponge for custom usages
- Wetting agent

Extension Accessories
- Extension rods provide an additional 0.6 m (2’) of reach
- Universal adapters for use with existing paint roller extensions
- 12 m (40’) ground wire
- 4.5 m (15’) hot wire
- Magnetic grounding post

Accessory Pack (LPDACC PK)
- Includes adaptable sponge hardware and accessories to convert the PosiTest LPD Basic Kit into a PosiTest LPD Complete Kit.

DeFelsko Corporation
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