

# Desktop Hairpin Tester



- Manual test rig for testing hairpins
- Alarm signal when errors are detected
- Easy to install, operate and maintain
- Comply to IEC 60851-5

# Desktop Hairpin Tester

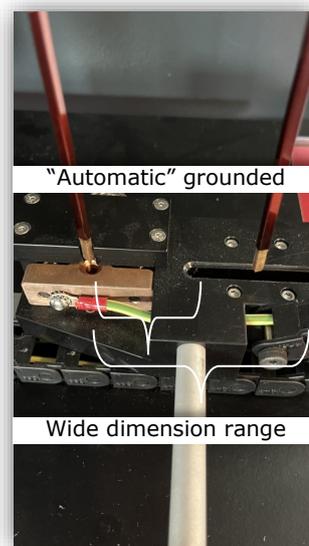
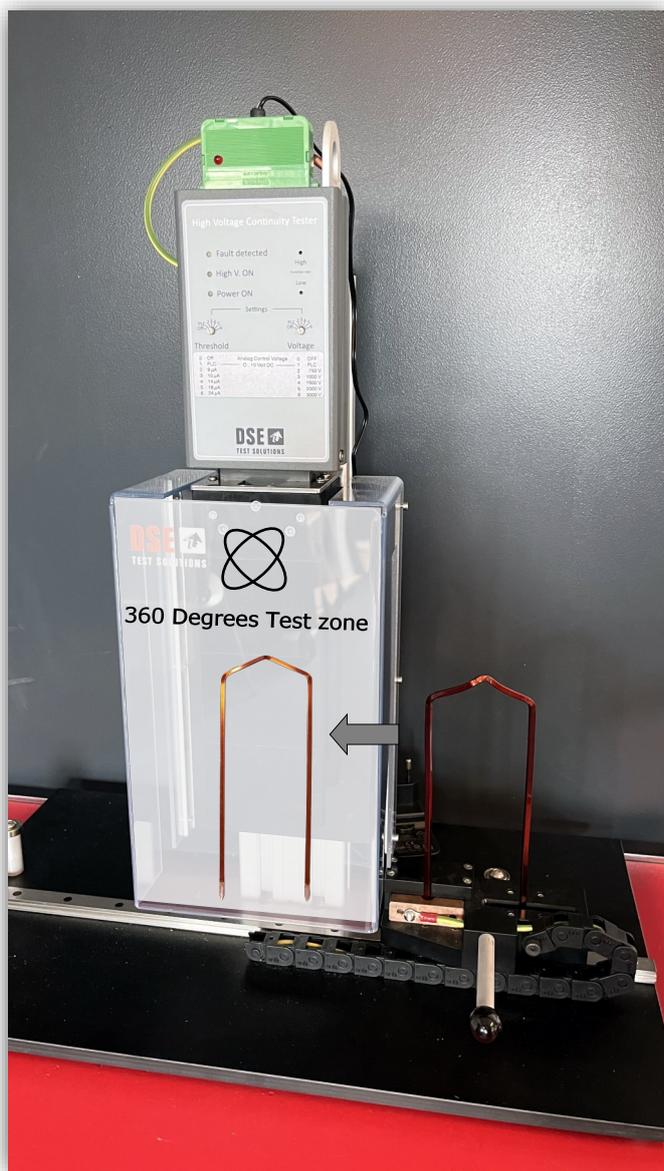
## Description:

The Desktop Hairpin Tester is based on the well proven High Voltage Continuity tester from DSE Test Solutions, HVC 360 SA, and makes it easy to do a manual sample check of a single hairpin.

The Desktop Hairpin Tester is specifically designed to test and detect pinholes, cracks and weak spots in hairpins used for the automotive industry, and offers a full 360 degree non-destructive test of the hairpin insulation

Connect the 24VDC power supply to the mains supply and the Desktop Hairpin Tester is ready to go.

- All settings available directly on the front
- Easy operation, connect power, insert hairpin and move through the electrode
- The hairpin is "automatic" grounded to the Desktop Hairpin Tester
- Quick fault detection, LED lights up in case of surface/insulation defect
- Buzzer mounted in connector (optional)
- Integrated protection cover



**Note:** HVC 360 SA must be ordered separate—not included in the Desktop Hairpin Tester

### Mechanic specifications:

Hairpin Width : 45...95mm  
Hairpin Height : up to 220mm  
Dimension (WxHxL) 510x300x600mm

### Electric specifications:

Input voltage: 24VDC power supply  
Test voltage: 750 to 3000VDC  
Detection threshold: 9µA—24µA  
Full specification see DSE HVC SA



Headquarter in Denmark



Version 01.01.03

Find your local contact for product availability and support at [www.dsetestsolutions.com](http://www.dsetestsolutions.com)

DSE Test Solutions A/S  
Sverigesvej 19  
DK-8700 Horsens  
Denmark

Tel : +45 7561 8811

Web: [www.dsetestsolutions.com](http://www.dsetestsolutions.com)  
Mail: [wip@dse.dk](mailto:wip@dse.dk)

Information in this document is subject to change without prior notice.  
© DSE Test Solutions A/S