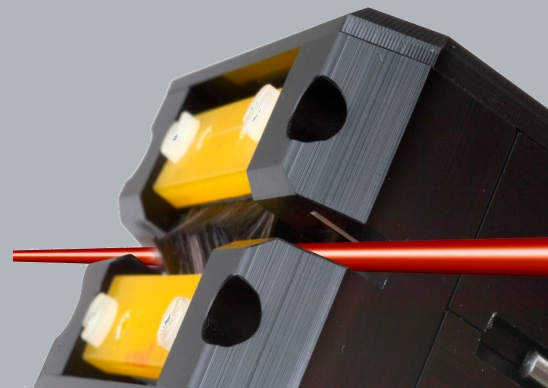


HVC Flexible for round wire

360° Coverage



Soft conductive brushes



HVC Flexible for round wire

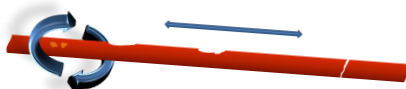
The electrode is based on low tension soft brushes which brings new opportunities for superior quality control of a wide range of dimensions - and with a full 360-degree coverage.



The HVC Flexible features:

- Pin hole and weak spot detection
- Full 360° coverage
- Easy to maintain
- No damage of the enamel because of the very soft conductive brushes
- Using low power technology means no damage from sparks
- Wide range of dimensions
- Measuring according to standard: NEMA MW 1000-2003

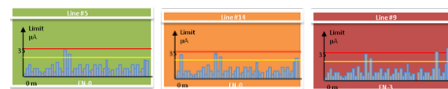
Full 360° coverage



Background shows status

NEW

Overview from long distance



OK

Warning

Alarm



NEW Features:

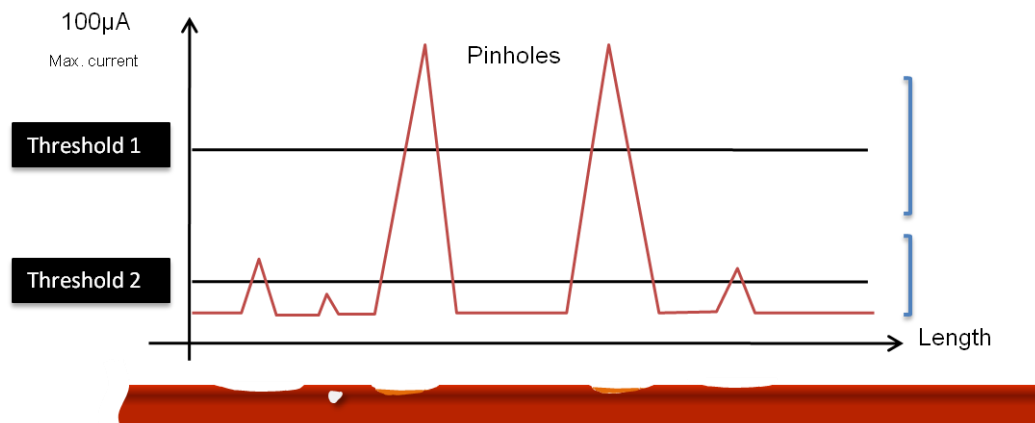
Surveillance of more than 24 lines even from a long distance.

The background of each line now shows actual status simple by changing the colour of the background .

This means that the operator can get important information from a long distance

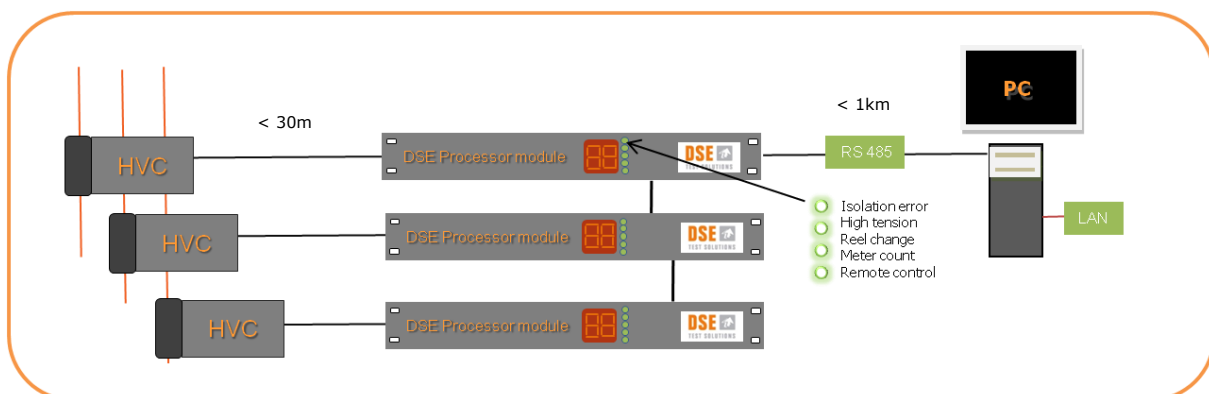


Quality surveillance



Basic principle

An error is defined as a hole or a weak spot in the insulation. In the DSE HVC Systems there are three individual adjustable levels of detector threshold. The three levels make it possible to collect the faults into groups for easy surveillance.

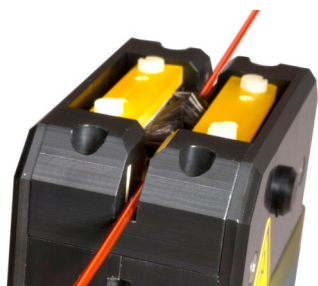


Typical setup

Each wire production line is equipped with an electrode system. The test results are collected and compressed by a processing module and subsequently sent to the central PC. Presumably, the equipment is set to work in a network connected to the mainframes of the plant. A label printout allows the manufacturer to mark or label each spool of produced wire. Connection to mainframes or central server enables calculation of thorough production statistics.

Technical specifications

Electrode system with brushes



Dimensions:
From 0.05 mm to 2.0 mm

* Other dimensions on request

PM-Processor Module



The Processor Module controls the electrode systems. It collects, evaluates, and compresses data and sends them to a network or a "stand alone" PC.

PM module features

- LED indicators for the following functions:
 - Insulation error
 - High tension
 - Reel change
 - Meter count
- Remote control
- I/O interface, including power supply to the electrode systems
- Ambient temperature: 15°C - 50°C
- Humidity: 0-80% no condensation
- Weight: 2 kg
- Line voltage: 115/230 V 60/50 Hz with protective ground
- Serial RS485 interface
- Units will be delivered as CE marked

Computer

The system operates from a standard PC with Windows XP or Win 2000.

Database: Access or SQL

Printer

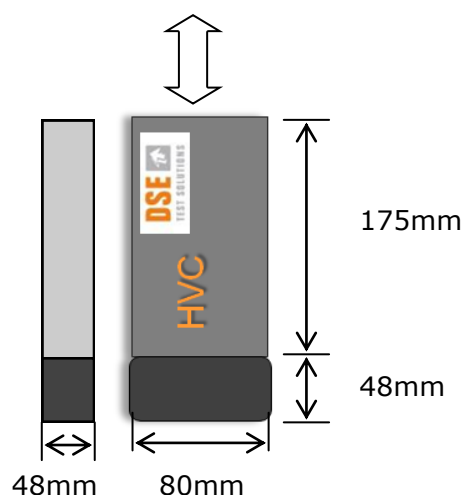
Any windows printer can be used.

Accessories

- Cables: 10 m included per line
- DSE2100 holder for electrode system, 1 holder included per line
- Earth strap per line
- 1 cable PM-PC RS485 per PC
- 1 RS232/RS485 converter or plug-in per PC

Holder for measuring head

Each line includes a high-quality metal holder which secures a stable mounting of the measuring head. It is easy to dismantle the unit for cleaning, etc.



Further information

For further information please contact our sales office/local sales agent.

HVC 360 Flexible