

Phenom Electrical Feedthrough Sample Holder

Connect electrical probes to the sample





Sample holder with electronics sample



Sample holder without sample

In-situ measurements

The Thermo Scientific™ Phenom Electrical Feedthrough Sample Holder allows users to connect electrical probes to the sample for in-situ measurements.

6 quick release pin connections can be used for various signals to be read and voltages or currents to be applied to the sample simultaneously while the sample is observed in the SEM.

A feedthrough block with a RS323 connector leads the cables out of the vacuum and bypass the SEM door. The RS323 is directly connected to the pins in the sample holder. Thanks to the Unique sample holder concept no adjustments to the Phenom have to be made to change imaging with the electrical feedthrough sample holder.

The sample can be height adjusted from 0 – 25mm manually to accommodate a wide variety of samples on a 12mm pin stub.

Applications

- Activate Mems devices
- Measuring probe current

Specifications

Connections

6 + 1 ground, Ø 1 mm

Current

Max. 1A

Voltage

Max. 50V DC

Sample size

Ø 12 mm, 25 mm height

Find out more at thermofisher.com/phenomworld