

SIGMA TEST PROBES

Flexible conductivity probes for precise testing of non-ferromagnetic metals



Reliable measurements for every geometry. . The SIGMA TEST probes are designed for precise electrical conductivity measurements in combination with the measuring instruments SIGMA TEST und SIGMA TEST TCM. Together, they form a complete system for reliable testing of non-ferromagnetic metals across a wide range of applications.

Different probe geometries enable flexible use on various component shapes and testing positions. Standard, angled and flexible-arm probe versions are available, as well as customized solutions tailored to specific application requirements.

The probes are available in diameters of 5 mm, 8 mm and 14 mm. The 14 mm probe offers improved handling and highly stable readings due to its larger contact surface, while the 8 mm version is ideal for narrow or small surfaces such as coins or small components.

YOUR ADVANTAGES AT A GLANCE

Flexible probe configurations: Available in 5 mm, 8 mm and 14 mm diameters for a wide range of applications and component geometries

Customized probe design: Standard probe versions available with options for application-specific adaptations

Integrated temperature compensation: Built-in temperature sensor supports stable and reliable conductivity measurements

Durable probe construction: Optional titanium version minimizes wear and improves long-term measurement stability

TECHNICAL INFORMATION

MEASURING RANGE:	0,5 to 65 MS/m or 1 to 112 % IACS
OPERATING FREQUENCIES:	60 / 120 / 240 / 480 / 960 kHz
TEMPERATURE RANGE :	0 °C to +70 °C

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