

Resistance Meter

- resistance measurement μOhm to Tohm
- Current measurement 0.01 pA to 1 mA
- adjustable measurement voltage from 1 V to 500 V
- limit indication
- thermo-voltage compensation
- measurement cycle automatable
- PC interface and software for cycle control



Measuring Electrodes

- wide range of electrodes for measuring surface and volume resistance like guarded electrodes, handheld and flooring electrodes, textile electrodes and flexible tounge electrodes for all measuring tasks
- liquid electrodes
- special electrodes
- electrical shielded chambers
- reference resistors
- measuring cable
- Kelvin clamps



Glow Wire Test Apparatus

- glow wire flammability test apparatus according to DIN EN 60695-2
- detect Glow Wire Flammability Index (GWFI), Glow Wiring Ignition Temperature GWIT and Glow Wire Temperature (GWT)
- material testing, test of resources, devices and components
- glow wire temperature from 100 to 999 °C
- manual- and processor-controlled device design



Tracking Index Test Apparatus

- Tracking Index Test Apparatus according to DIN EN 60112
- determination of the proof (PTI) and the comparative (CTI) tracking indices
- adjustment of test voltage, current limitation, turn-off time, drop size and number of drops
- Rms announcement of voltage and current
- Test voltage adjustable from 100 V to 600 V
- Drop interval 30 s



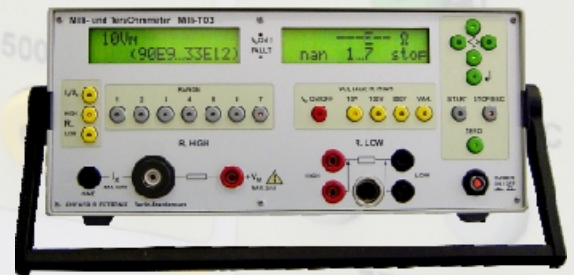
H.-P. FISCHER ELEKTRONIK GmbH & Co. Industrie- und Labortechnik KG, located Mittenwalde near Berlin/Germany, is a medium-sized company. For more than 30 years we are working in the field of developing and manufacturing of measuring and testing equipment.

In the specialized field of resistance measurement technique, we are a leader in high- and low-Ohm measurement. Especially in the area of material research and development but also in the area of quality management testing and in the production environment, devices made by FISCHER ELEKTRONIK are multiple well tried.

A wide range of measurement devices, testing units and measuring accessories show our experience and our know-how in finding solutions for basic and ambitious measurement tasks.

Main applications are

- resistivity measurement for the high and low Ohm range
- measuring electrodes for different material and application
- demands and according valid standards like DIN, EN, ICE and ASTM
- Glow Wire Test Apparatus for determining ignitability and flammability of materials, finished Products and components using glow wire according DIN EN 60695-2
- Tracking Index Test Apparatus for determination of proof (PTI) and the comparative (CTI) tracking indices of insulating materials according DIN EN 60112.



Our strengths are the analysis and processing of your measuring task. We manufacture not only standard compliant units but we are also able to develop customized solutions for you. Base on a closed chain from the idea through the development and design, via prototype and manufacturing to the initial operation, support and maintenance we offer you the optimized service. Our attendance lead you to a reliable, tailor-made and well priced solution.



Ask us and entrust us your measuring task. We would like to advice you, qualified and individual, via phone or face-to-face. Use our knowhow and our experience. We're glad to help you. Talk to us!