

Item No.: LM8313

Insulation and Electrical Resistance Meter (Automotive)

This meter for testing insulation and measuring resistance allows for standard-conformant testing of electrical systems, such as testing of insulation resistance for high-voltage systems in hybrid or electric vehicles. The meter has the following attributes to make it the best instrument for use with high voltages such as those present in the aforementioned vehicles. Safe and comfortable measurement of insulation resistance is made possible in particular by the switchable measuring probes.

Technical features

- Measurement of insulation resistance with test voltages of 50 V, 100 V, 250 V, 500 V and 1000 V (VDE 0413-2)
- Determination of polarisation index (PI) and dielectric absorption ratio (DAR)
- Selectable limits for ISO measurements, green LED for successful tests, red LED for test/external voltages
- Resistance measurement using 200 mA test current for testing protective earth connections (VDE 0413-4) complete with zero calibration for measurement leads.
- Switchable test probes for initiation of test procedures
- Internal memory for 100 measurement values per measurement function
- True RMS voltage measurement with low-pass filter
- Includes pouch, switchable test probes

