

1. Safety precautions

This product complies with the requirements of the following European Community Directives: 2014/30/EU (Electromagnetic Compatibility) and 2014/35/EU (Low Voltage) as amended by 2014/32/EU (CE-Marking). Overvoltage category III 300 V; pollution degree 2.

- CAT I: For signal level, telecommunication, electronic with small transient over voltage
- CAT II: For local level, appliances, main wall outlets, portable equipment
- CAT III: Supplied from a cable under earth; fixed installed switches, automatic cut-off or main plugs.
- CAT IV: Units and installations, which are supplied over aerial line, which are stand in a risk of persuade of a lightning, i.e. main-switches on current input, overvoltage-diverter, current use counter.

To ensure safe operation of the equipment and eliminate the danger of serious injury due to short-circuits (arcing), the following safety precautions must be observed.

- * Do not use this instrument for high-energy industrial installation measurement.
- * Do not exceed the maximum permissible input ratings (danger of serious injury and/or destruction of the equipment).
- * The meter is designed to withstand the stated max voltages. If it is not possible to exclude without that impulses, transients, disturbance or for other reasons, these voltages are exceeded a suitable prescale (10:1) must be used.
- * Replace a defective fuse only with a fuse of the original rating. Never short-circuit fuse or fuse holding.
- * Disconnect test leads or probe from the measuring circuit before switching modes or functions.
- * Never touch the tips of the test leads or probe.
- * Do not conduct voltage measurements with the test leads connected to the $\mu\text{A}/\text{mA}$ - and COM-terminal of the equipment.
- * To avoid electric shock, disconnect power to the unit under test and discharge all capacitors before taking any resistance measurements.
- * Do not conduct current measurements with the leads connected to the V-terminals of the equipment.
- * Check test leads and probes for faulty insulation or bare wires before connection to the equipment.
- * Comply with the warning labels and other info on the equipment.
- * To avoid electric shock, do not operate this product in wet or damp conditions. Conduct measuring works only in dry clothing and rubber shoes, i. e. on isolating mats.
- * Do not subject the equipment to shocks or strong vibrations.
- * Keep hot soldering irons or guns away from the equipment.
- * Do not subject the equipment to direct sunlight or extreme temperatures, humidity or dampness.
- * Do not operate the equipment near strong magnetic fields (motors, transformers etc.).
- * Allow the equipment to stabilize at room temperature before taking up measurement (important for exact measurements).
- * Do not input values over the maximum range of each measurement to avoid damages of the meter.
- * Do not turn the rotary function switch during voltage or current measurement, otherwise the meter could be damaged.
- * Use caution when working with voltages above 35V DC or 25V AC. These Voltages pose shock hazard.
- * Replace the battery as soon as the battery indicator "BAT" appears. With a low battery, the meter might produce false reading that can lead to electric shock and personal injury.