

Electromagnetic Field Strength Meters Quick Start Guide

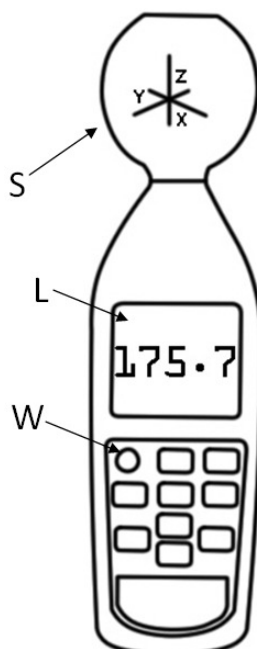
1. Introduction

Dear Customer! Thank you for your purchase in TME! To protect the environment we have prepared for you this quick start guide. Before operating the unit, please read it carefully. Please visit www.tme.eu Illustrations in this manual are only example images and may differ from the actual item. It does not change their main characteristics.

2. Application

This device is designed to measure the electromagnetic field strength.

3. Unit setup and operation



S - Electromagnetic field sensor

L - LCD display

W - Power on switch

- Turn on the power using the button on the device panel.
- Set the function/range selector switch to the desired position. If the value of the measured signal is unknown, select the highest measurement range.
- Place the field sensor in the desired measurement location.
- Watch the input signal value.
- To replace the battery open the battery cover by unscrewing the screws or loosening the latch, replace the battery, close the cover.



Transfer Multisort Elektronik Sp. z o.o.

ul. Ustronna 41, 93-350 Łódź, Poland, correspondence address: 90-951 Łódź 40, PO BOX 2071
tel. +48 42 645 54 44, fax +48 42 645 54 70, export@tme.eu, www.tme.eu

VAT ID: PL7290108984, REGON (NACE): 473171710, District Court for Łódź-Śródmieście, NCR: 0000165815, initial capital: 3 300 000 PLN

4. Precautions

- In some cases, working close to strong radiation sources can pose a threat to life.
- Use appropriate terminals, functions, and ranges for selected measurement.
- Do not use the device if it is damaged. Before using the device, inspect the housing. Check if it has no cracks or broken off pieces. Carefully check the insulation surrounding the connectors.
- Make sure the battery cover is closed and latched before operating the unit.
- Do not use the device if it works incorrectly. Protection may be impaired. If you are unsure whether the device is working correctly, take it to the service.
- Before starting the measurements check if insulation of test leads and probes is not damaged and there is no exposed metal.
- Before opening the battery compartment cover remove the test leads from the device, if it is possible.
- Replace the battery with a new one or charge the battery if the display shows the battery low indicator.
- When servicing the unit, use only spare parts specified by the manufacturer.
- Never use the device in explosive environments, if it is not designed to work in such conditions.
- People with electronic implants (eg electronic heart pacemakers) staying in the strong electromagnetic field, may be exposed to danger.
- Observe the operating instructions of devices that generate, conduct or use the electromagnetic energy.
- Secondary radiators (eg reflecting objects such as metal fence) may cause local increase of electromagnetic fields.
- The intensity of the electromagnetic field near the radiators increases.
- A device for measuring the intensity of the electromagnetic field may underestimate the value of pulse signals.
- Significant measurement errors can occur in case of radar signals.
- Every device measuring the intensity of the electromagnetic field is characterized by a limited range of frequency depending on the specification. Fields with a spectral component outside of this frequency range are generally improperly estimated and there is a tendency to underestimate. Before using the instrument for measuring the intensity of the field, make sure that all components of the field that are to be measured are within the specified frequency range of the measuring device.
- Do not allow any objects or liquids to get into the interior of the device - it may cause the risk of electric shock and damage to the equipment.



Transfer Multisort Elektronik Sp. z o.o.

ul. Ustronna 41, 93-350 Łódź, Poland, correspondence address: 90-951 Łódź 40, PO BOX 2071
tel. +48 42 645 54 44, fax +48 42 645 54 70, export@tme.eu, www.tme.eu

VAT ID: PL7290108984, REGON (NACE): 473171710, District Court for Łódź-Śródmieście, NCR: 0000165815, initial capital: 3 300 000 PLN