

# Microwave Leakage Tester MLT 5-DLH

- Handheld-instrument
- LC display, 8 chars, backlight
- For 915 MHz and 2450 MHz (selectable by toggle function)
- Supplied with calibration certificate
- Digitally scanning of the E-field
- Determination of the effective value of the power density
- Improved rotation symmetry and directional characteristics
- Self-test after each power-on
- Acoustic signal at over-ranging
- Battery low indicator LED
- Working with 2 standard LR6 AA batteries



The model MLT 5-DLH is a modern testing instrument to find microwave fields. The easy handling gives security in dealing with microwave sources. As the consistent further development of the MLT 4-D it combines the proven easy handling with the opportunities offered by modern technology. As special feature the version DLH can be used for 915 MHz and for 2450 MHz. The selected frequency range is shown by two LED's.

The core is a microcontroller. It scans the measurement signal digitally and calculates the effective value of the power density. The internal step-up converter allows the usages of two standard mignon batteries to supply the MLT 5-DLH. The usage of rechargeable batteries is also possible.

The MLT 5-DLH is an indispensable instrument to control the security on microwave ovens.

It is supplied in a practical transport case. So the device is always well protected.



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## Technical Data:

### Range:

0..15mW/cm<sup>2</sup>

### Precision - Devices for 2450 MHz:

+/-1 db

### Precision - Devices for 915 MHz:

+/-1 db

Deviation at 896..922 MHz: < 1 %

### Power density:

Max. 1,0W/cm<sup>2</sup>

### Rotation symmetry:

Difference max. +/- 3 %

### Operating temperature:

10 °C to 40 °C

### Power:

Batteries 2x 1,5 V LR6 AA

approx. 1000 measurements with a battery set

### Dimension (mm):

Case: 120x65x40

Total: 240x65x50

### Weight:

155 g without batteries

200 g with batteries

### Directional characteristics:

