



Application

With the Lux/Hz probe 0635 0545, in combination with the measuring instrument testo 435-2/-4, illumination levels and monitor refresh rates can be measured.

- Illumination level measurement is designed for measurements in the workplace.
- The frequency recording is designed for measurements of the refresh rate of tube monitors.

Measuring illumination levels

- ✓ In order to obtain correct measurement results, the following conditions must be met:
 - Position the probe at the measurement site.
- 1 Connect the probe and switch on the instrument.
 - 2 Read the value for the illumination level.

Measuring monitor refresh rates

- ✓ In order to obtain correct measurement results, the following conditions must be met:
 - Position the probe at a maximum of 2 cm parallel to the surface of the screen..
- 1 Connect the probe and switch on the instrument.
 - 2 Read the value for the monitor refresh rate.

i The influence of foreign light, e.g. fluorescent lamps, can lead to an interference of frequencies. An incorrect measurement value is displayed.

Technical data

Property	Value
Measuring range	0 to 100.000 Lx 0 to 300 Hz
Accuracy acc. to DIN 5032 in combination with a testo 435	f1 = 6% = V(Lambda)-transformation f2 = 5% = cos-conform evaluation Class C
Accuracy (Hz)	±0,1% of reading