








# More Precision

capa**NCDT** // Capacitive sensors for displacement, distance & gap



# Mobile gap measurement capaNCDT MD6-22

-  High-precision gap measurement
-  Intuitive operation
-  For all electrically conductive measuring objects
-  Comprehensive sensor portfolio
-  Cable lengths up to 4 m

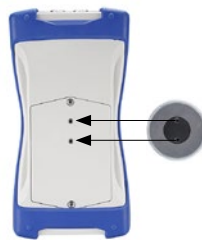


The capaNCDT MD6-22 gauge is a capacitive dual-channel handheld gauge which is compatible with all capacitive sensors from Micro-Epsilon. This measuring system is used in mobile gap and distance measurements and impresses with high accuracy, versatile application possibilities and intuitive operation.

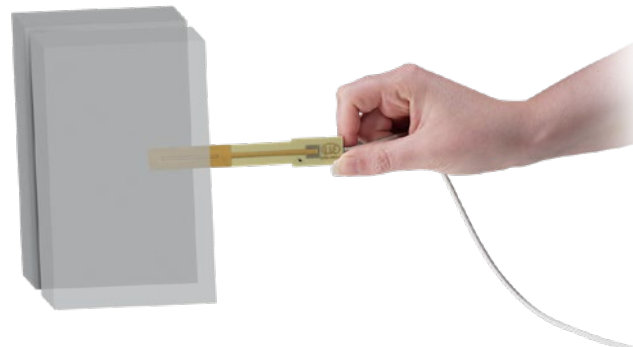
Supported with up to 5h battery life and storage of measurement data on SD card, the MD6-22 is ideally suited to mobile applications in service and maintenance tasks. For example, it is used for rotor gap monitoring in wind turbines and to measure the air gap between the turbine blade and the housing.

### Included in delivery:

- Robust carry case
- Handheld measuring instrument MD6-22
- capaNCDT sensor with integrated cable
- Power supply unit / international / 24V / DC / 1A
- Magnetic holder incl. Allen wrench for installation
- 4 x NiMH/Mignon batteries (AA, HR6)
- Cable for ground connection



Model	MD6-22
Sensors	compatible with all capaNCDT sensors
Resolution (100 Hz)	0.02 % FSO
Linearity	< ±0.2 % FSO
Number of measurement channels	2
Battery life	5 hours (with 2500 mAh)



The flat sensors are guided into the gap and determine the gap width based on the active measuring area. Gaps up to 12 mm can be detected reliably.

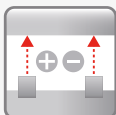
### This handheld measuring instrument offers four different measurement modes:

#### Single-sided gap measurement



Mode for optimal gap measurement on curved surfaces with gap sensors measuring one side (sensor alignment subordinated).

#### Single-value measurement with math function

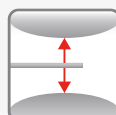


Mode for signal calculation of two sensors measuring one side.

#### Double-sided gap measurement



Mode for precise gap measurement on flat surfaces with compensation of sensor alignment. Gap sensors measuring two sides are used.



Mode for optimal gap measurement on curved surfaces with gap sensors measuring two sides (sensor alignment subordinated).

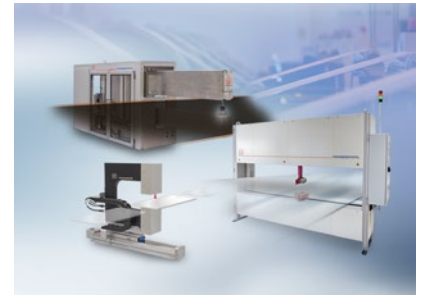
## Sensors and Systems from Micro-Epsilon



Sensors and systems for displacement, distance and position



Sensors and measurement devices for non-contact temperature measurement



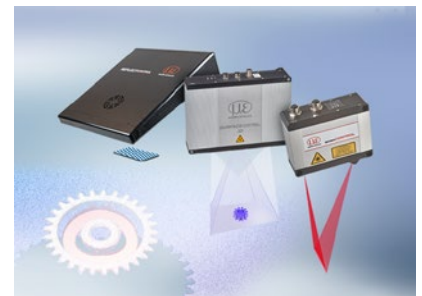
Measuring and inspection systems for metal strips, plastics and rubber



Optical micrometers and fiber optics, measuring and test amplifiers



Color recognition sensors, LED analyzers and inline color spectrometers



3D measurement technology for dimensional testing and surface inspection