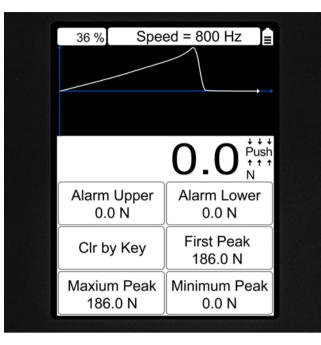


## Force Gauge PCE-DFG N 200







PCE-DFG N 200 Digital force gauge

For tensile force measurement and pressure force measurement up to 200 N / Very high accuracy / Sampling rate 1600 Hz / 6 different measuring tips / USB interface / Software / Calibration certificate

A digital force gauge for tensile and compressive force measurements up to 200 N is available with the PCE-DFG N 200. The PCE-DFG N 200 is a digital force meter for precise measurements with a resolution of 0.1 N. The measured values are displayed on a large, illuminated,  $180^{\circ}$  rotatable display, a correct reading of the measured values is thus guaranteed at all times. The outstanding accuracy of  $\pm$  0.1% FS is confirmed with the factory calibration certificate provided.

In addition to the internal storage option of 100 measured values, a USB interface is available for data transmission. With the software, the measured values can be saved on a computer for later evaluation. Due to its robust housing, a sensible menu navigation and the simple operation via 8 keys, the digital force meter PCE-DFG N 200 is characterized by a high degree of user-friendliness. The power supply of the dynamometer via batteries, which can be charged via a included charger and allow a continuous operation of the device of 10 hours. With these characteristics, the digital force gauge is suitable for quality control in the production area, for incoming and outgoing inspection as well as for the development of new components or for testing safety-relevant components.

- ▶ Pull and pressure force measurement
- ▶ 1600 Hz sampling rate
- ▶ Error limit 0.1% of the measuring range
- PEAK function (MIN / MAX)
- ► Limit value function
- ▶ Different measuring units
- Automatic or manual storage
- Graphical analysis
- ► Automatic orientation display
- Time date
- ▶ Control and evaluation software
- ▶ Automatic shutdown adjustable
- Battery status indicator
- ▶ Network operation possible
- ▶ Save 100 readings
- ▶ Incl. ISO calibration certificate

Subject to change

## **Specifications**

0 ... 200 N, 0 ... 44.96 lbs Measuring range

Accuracy ± 0.1% of the measuring range

Resolution 0.1 N

Measurement units N, kg, lb, KPa

Display 2.8" TFT graphic display

Inside, Outside, Crack, Shutdown Alarm Modes

Sampling rate 6 ... 1600 Hz

Storage 100 measurements

NiMh battery 6V / 1600-mAh Power supply

Battery life About 10 hours

Charging adapter 12V / 1A

Interface: USB Outputs

Switching output: 12V / 50-mA

IP 54 Protection class

-10 ... 50°C / 14 ... 122°F Operating and storage conditions

5 ... 95% rh non-condensing

Force-receiving piece M6 x 7 mm

**Dimensions** 200 x 97 x 42 mm / 7.9 x 3.8 x 1.7 in

Weight 540 g / 1.2 lbs

## More information

Manual



**Software Manual** 



Video



More product info



**Similar products** 

