FORCE GAUGE

PCE-CS 500LD



- **Measuring ranges 0 ... 500 kg / 0 ... 1102 lbs**
- **Remote control included**
- **Various functions and units of mass**
- **Metal case**
- **Digit height of 41 mm**
- **Optionally with ISO calibration certificate**

The force gauge is available with a measuring range of 0 ... 500 kg / 0 ... 1102 lbs. With an accuracy of 1% of the measuring range, the dynamometer is a particularly precise measuring device. The housing of the dynamometer is made of robust metal. This means that the dynamometer can be used in a harsh environment. It is operated on the side of the dynamometer via the control panel. For example, the unit can be set or the zero point can be reset using the keypad. With a digit height of 41 mm and the adjustable background lighting, the dynamometer can be read easily from a great distance and in a dark environment.

A remote control is included as an extension so that the dynamometer can be operated from a great distance. Additional settings such as the background lighting, the totalizing function or the automatic switch-off of the dynamometer can be made via the remote control.

With the additional totalizing function, weights attached one after the other can be displayed totaled by the force meter. In addition to the mass units kg and lb, a user-specific unit can be set for the dynamometer. This is done by entering a multiplier based on the kg value measured by the force meter. The energy-saving electronics in the dynamometer enable continuous measurement for approx. 45 hours. The force gauge can optionally be equipped with an ISO calibration certificate.

Specification

Weighing range	
Measuring range from	4 kg
Measurement range up to [Max]	500 kg
Resolution [d]	0,1 kg
Accuracy	±1% of range

General technical data	
Measuring functions (additional information)	Totalising function, user-defined unit
Units	kg, lb
Digit size [WxH]	Height: 41 mm
Operating time	45 h
Operating time additional information	with an always active backlight of level 3
Automatic power-off from...to	5 ... 60 min.
Housing	Metal
Minimum load [min]	4 kg
Tare range	0 ... 100% of range
Dimensions	Shackle opening: 21 mm Hook opening: 23 mm
Protection class (device)	IP43
(Rechargeable) battery	6 x 1,5 V AA battery , Alkali-manganese
Capacity	3000 mAh
Operating conditions	5 ... 35 °C , 0 ... 90 % RH
Storage conditions	5 ... 35 °C , 0 ... 90 % RH
Dimensions (L x W x H)	290 x 160 x 37 mm
Weight	995 g