



Dynamometer PCE-DFG 1K X-ICA

0215



Servicies

After sale services

Ordinary and extraordinary maintenance, installation, staff training, spare parts, calibration and calibration for measuring instruments.



Product description

The PCE-DFG N 1K-ICA dynamometer is an advanced solution for precisely conducting tension and compression tests in a wide range of applications. With a maximum load capacity of up to 1,000 Newtons, this instrument offers exceptionally high resolution, enabling precise evaluation of various parameters such as force-distance curves, breaking force, and the force required to activate buttons or levers.

One of the distinctive features of the PCE-DFG N 1K-ICA is its versatility. It comes with an external load cell that can be customized with M10 threaded pins or hooks to adapt to a wide range of devices. This flexibility makes it ideal for research, development, and quality control laboratories where adaptability is crucial.

The integrated USB interface allows easy connection to a PC, enabling data transfer for further processing. This feature is particularly useful for creating measurement protocols, storing data, and generating reports. Additionally, the dynamometer features an LCD graphic display that presents data in numerical and graphical formats, simplifying result interpretation.

The included ISO certification ensures the quality and reliability of measurements taken with this device. Furthermore, with robust IP54 protection, the PCE-DFG N 1K-ICA can be used in industrial environments and even in adverse outdoor weather conditions.

For added versatility, this dynamometer allows for easy exchange of load cells, making it adaptable to various applications by simply adjusting the sensitivity in mV/V. It also offers a rapid response time, included software, and memory to store up to 100 sets of measurements.

In summary, the PCE-DFG N 1K-ICA dynamometer is an excellent choice for your tension and compression testing needs, offering precision, versatility, and ease of use in one reliable instrument. Whether you're in a laboratory or an industrial setting, this dynamometer is designed to meet your requirements and ensure high-quality results.



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General Features

	N, kg, lb, KPa		N, kg, lb, KPa
	N, kg, lb, KPa		N, kg, lb, KPa
	N, kg, lb, KPa		N, kg, lb, KPa
	N, kg, lb, KPa		N, kg, lb, KPa
	N, kg, lb, KPa		N, kg, lb, KPa
	N, kg, lb, KPa		N, kg, lb, KPa
Dimensions	200mm x 97mm x 42 mm	Dimensions	200mm x 97mm x 42 mm
Weight	540 g	Weight	540 g
Resolution	0,5 N	Resolution	0
Resolution	5 N	Battery life	about 10 hours
Battery life	Circa 10 ore	Range	0 ... 1.000 N
Range	0 ... 1.000 N	Power	1 x NiMh battery, 6V / 1600 mAh
Power	12 V / 1 A	Power	12 V / 1 A
Power	1 x Batteria NiMh	Power	6V / 1600 mAh
Memory	100 measurement series, with 8,000 values per series	Memory	100 serie di misura
Memory	con 8.000 valori per serie	Precision	±0,1% F.S.
Precision	±0	Precision	±0

The prices could be not always up to date and they don't take into account any promotional sale on the e-commerce.