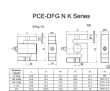




## ***Dynamometer PCE-DFG 20K X-ICA***

0219



## ***Services***

### **After sale services**

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



## Product description

The exceptional precision and versatility of the PCE-DFG N 20K-ICA dynamometer make it an indispensable ally in high-resolution tension and compression tests, with an outstanding measurement capacity of up to 20,000 Newtons. This tool is the ideal partner for research and development laboratories, as well as industrial applications, where evaluating critical parameters such as force-distance curves, breaking strength, or the force required to activate a button is a daily necessity.

The PCE-DFG N 20K-ICA comes complete with an external load cell that offers maximum flexibility, allowing further customization of measurements with the option of M12 threaded pins or hooks. Its USB interface simplifies PC connection, making data transfer effortless. This feature is particularly valuable for creating measurement protocols, data storage, and result exportation. Furthermore, the dynamometer features an LCD graphical display that presents data clearly in both numerical and graphical formats, facilitating result interpretation.

The included ISO certification ensures the accuracy and reliability of measurements taken with this instrument. Its robustness, with IP54 protection, makes it suitable for use in industrial environments, even in adverse weather conditions.

A distinctive feature of the PCE-DFG N 20K-ICA is its extraordinary flexibility, which extends to the ability to easily interchange load cells. Simply set the sensitivity in mV/V on the device, and you can connect any load cell to the same instrument, ensuring total customization of performance.

In summary, the PCE-DFG N 20K-ICA dynamometer is the perfect work companion for those seeking precision, versatility, and reliability in a measuring instrument. Its ability to adapt to a wide range of applications, combined with its user-friendliness and advanced features such as memory for 100 sets of measurements and rapid response time, make it the ideal choice for the daily challenges of laboratories and industrial environments.



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## General Features

Dimensions	200mm x 97mm x 42mm	Dimensions	200mm x 97mm x 42mm
Weight	540 g	Weight	540 g
Resolution	0,002 kN / 2 N	Resolution	0
Resolution	002 kN / 2 N	Battery life	About 10 hours
Battery life	Circa 10 ore	Range	0 ... 20 kN / 20.000 N
Range	0 ... 20 kN / 20.000 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
Measurements Units	N, kg, lb, KPa	Measurements Units	N
Measurements Units	kg	Measurements Units	lb
Measurements Units	KPa	Memory	100 measurement series, with 8000 values per series
Memory	100 serie di misura	Memory	con 8000 valori per serie
Precision	±0,2% 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.