



## ***Dynamometer PCE-DFG 10K X-ICA***

0218



## ***Servicies***

### **After sale servicies**

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



## Product description

Precision and reliability are the hallmarks of the PCE-DFG N 10K-ICA dynamometer, designed for extremely accurate tension and compression testing with exceptional resolution. This instrument proves indispensable in laboratory and industrial environments, where assessing force-distance curves, measuring breaking force, and analyzing the force required to activate controls or buttons are daily operations.

The PCE-DFG N 10K-ICA comes equipped with an external load cell that offers a substantial measurement capacity of up to 10,000 Newtons, with the versatility to customize load cells with M12 threaded pins or hooks to adapt to a wide range of devices.

Its USB interface simplifies connection to the PC, allowing for rapid and seamless data transfer. This feature proves particularly valuable for creating measurement protocols, data storage, and exportation. Additionally, the dynamometer features an LCD graphical display that presents values in numerical and graphical formats, facilitating result interpretation.

The included ISO certification guarantees the quality and reliability of measurements taken with this instrument. Furthermore, its IP54 protection makes it suitable for use in industrial environments, even in adverse weather conditions.

A standout feature of the PCE-DFG N 10K-ICA is its ability to easily interchange load cells. Simply indicate the sensitivity in mV/V in the device, and you can connect any load cell to the same instrument.

In summary, the PCE-DFG N 10K-ICA dynamometer stands out for its exceptional precision, reliability, and flexibility, offering a complete solution for measurement needs in both laboratory and industrial settings.



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11/05/2025

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## General Features

Dimensions	200mm x 97mm x 42 mm	Dimensions	200mm x 97mm x 42 mm
Weight	540 g	Weight	540 g
Resolution	5 N	Resolution	5 N
Battery life	About 10 hours	Battery life	Circa 10 ore
Range	0 ... 10.000 N	Range	0 ... 10.000 N
Power	1 x Batteria NiMh, 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 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.