



Comastri Distribution
Prodotti e soluzioni per l'industria S.r.l

11/05/2025

ComastriDistribution

Phone: +390513510702

Mail: info@comastridistribution.com

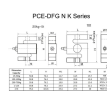


[Go to product](#)



Dynamometer PCE-DFG 50K X-ICA

0220



Services

After sale services

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

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

comastridistribution.com

Page 1/3



Product description

The PCE-DFG N 50K-ICA dynamometer is your precision companion for high-resolution tension and compression testing, capable of measuring forces up to 50,000 Newtons. These tests are a common occurrence in laboratory settings, where the need to evaluate parameters such as force-distance curves, breaking force, or the force required to activate a button is frequent and critical. Equipped with an external load cell, the PCE-DFG N 50K-ICA ensures accurate measurements with versatility. Its USB interface simplifies data transfer to your PC, enabling you to create measurement protocols, store data, and export results seamlessly. Additionally, the dynamometer features an LCD graphical display that presents values in both numerical and graphical formats, enhancing result interpretation.

This dynamometer boasts an IP54 protection rating, making it suitable for demanding industrial environments and even outdoor use in adverse weather conditions.

One of the standout features of the PCE-DFG N 50K-ICA is its adaptability, allowing you to easily interchange load cells. You can simply set the sensitivity in mV/V on the device and connect any compatible load cell, providing you with customized performance tailored to your specific needs.

In summary, the PCE-DFG N 50K-ICA dynamometer is your go-to choice for precision measurements in both laboratory and industrial applications. Its ability to handle a wide range of tasks, coupled with user-friendly features like a rapid response time, included software, and the capability to store data for up to 100 measurement series, makes it a versatile and reliable tool for daily challenges.



General Features

Dimensions	200mm x 97mm x 42 mm	Dimensions	200mm x 97mm x 42mm
Weight	540 g	Weight	540 g
Resolution	0,005 kN / 5 N	Resolution	0
Resolution	005 kN / 5 N	Battery life	About 10 hours
Battery life	Circa 10 ore	Range	0 ... 50 kN / 50.000 N
Range	0 ... 50 kN / 50.000 N	Power	1 x NiMh battery, 6V / 1600 mAh
Power	1 x Batteria NiMh	Power	6V / 1600 mAh
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