



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

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**ComastriDistribution**

Phone: +390513510702

Mail: [info@comastridistribution.com](mailto:info@comastridistribution.com)

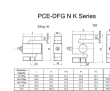


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## Dynamometer PCE-DFG 100K X-ICA

0221



## 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.

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## Product description

The PCE-DFG N 100K-ICA dynamometer is an indispensable tool for high-resolution tension and compression testing, with an exceptional measurement capacity of up to 100,000 Newtons. These tests are a routine occurrence in laboratory environments, where the evaluation of parameters such as force-distance curves, breaking force, or the force required to activate a button is of paramount importance.

This dynamometer comes equipped with an external load cell, offering unmatched accuracy and versatility. Its USB interface simplifies the process of transferring data to your PC, enabling you to create measurement protocols, store data, and export results effortlessly. Moreover, the dynamometer features an LCD graphical display that presents values in both numerical and graphical formats, enhancing the interpretation of results.

With an IP54 protection rating, the PCE-DFG N 100K-ICA is built to withstand the rigors of industrial environments and can even be used for testing outdoors, even in adverse weather conditions.

One of the standout features of the PCE-DFG N 100K-ICA is its adaptability. It allows you to easily interchange load cells, offering the flexibility to choose the appropriate load cell for your specific application. Simply set the sensitivity in mV/V on the device, and you can connect any compatible load cell to the same instrument, ensuring that it performs according to your precise requirements.

In addition to its impressive load capacity, this dynamometer includes several valuable features. The included ISO certification guarantees the accuracy and reliability of the measurements taken with this instrument. It boasts a rapid response time, ensuring that you can capture precise data quickly. The included software simplifies data management, allowing you to organize and analyze your measurements efficiently. With the capability to store data for up to 100 measurement series, you can easily track and compare results over time.

In summary, the PCE-DFG N 100K-ICA dynamometer is the ultimate choice for precision measurements in both laboratory and industrial settings. Its ability to handle a wide range of tasks, coupled with user-friendly features and the option to interchange load cells, makes it an incredibly versatile and dependable tool to tackle the daily challenges you face."



## General Features

<b>Dimensions</b>	200mm x 97mm x 42mm	<b>Dimensions</b>	200mm x 97mm x 42mm
<b>Weight</b>	540 g	<b>Weight</b>	540 g
<b>Resolution</b>	0,010 kN / 10 N	<b>Resolution</b>	0
<b>Resolution</b>	010 kN / 10 N	<b>Battery life</b>	About 10 hours
<b>Battery life</b>	Circa 10 ore	<b>Range</b>	0 ... 100 kN / 100.000 N
<b>Range</b>	0 ... 100 kN / 100.000 N	<b>Power</b>	1 x NiMh battery, 6V / 1600 mAh
<b>Power</b>	1 x Batteria NiMh	<b>Power</b>	6V / 1600 mAh
<b>Memory</b>	100 measurement series, with 8,000 values per series	<b>Memory</b>	100 serie di misura
<b>Memory</b>	con 8.000 valori per serie	<b>Precision</b>	±0,1% F.S.
<b>Precision</b>	±0	<b>Precision</b>	±0