



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

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## Dynamometer PCE-DFG N 500-ICA

0214



## 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 500-ICA digital dynamometer represents an excellent solution for precise measurement of tensile and compressive forces, allowing evaluation of loads up to 500 N with remarkable accuracy, thanks to its 0.1 N resolution and an extraordinary sampling frequency of 16000 Hz. Clarity of results is ensured by its large backlit display, which can be rotated 180 degrees for convenient viewing.

This tool also offers excellent data storage capabilities, with the ability to record up to 100 sets of values. The integrated USB interface allows for quick data transfer to a PC, where you can utilize the included software to analyze and interpret your data in detail.

The PCE-DFG N 500-ICA has been designed with the user in mind, offering a robust structure and an intuitive menu that makes it incredibly easy to use. Powered by a rechargeable battery, it can work continuously for approximately 10 hours, providing the flexibility needed for various industrial applications.

Its included ISO certification attests to its high quality, making it an ideal tool for quality control in production, material input and output checks, development of new components, and critical component testing. Among its numerous functions are automatic or manual recording, calculation of PEAK values (MIN and MAX), limit indicator, and many more. With an automatically orienting display, date and time, and the option for mains power supply, this dynamometer is comprehensive and versatile. Its internal memory for 100 sets of values allows you to efficiently track your data, while the control and analysis software further simplifies your work. You won't have to worry about battery life, thanks to its rechargeable battery and battery status indicator.

In summary, the PCE-DFG N 500-ICA is a powerful tool that combines precision with convenience, making it a reliable ally in a wide range of industrial applications.



## General Features

<b>Dimensions</b>	200mm x 97mm x 42 mm	<b>Weight</b>	540 g
<b>Resolution</b>	0,1 N	<b>Battery life</b>	About 10 hours
<b>Range</b>	0 ... 500N	<b>Power</b>	1 x NiMh batteries, 6V/1600 mAh
<b>Power</b>	12V / 1A	<b>Measurements Units</b>	N, kg, lb, KPa
<b>Memory</b>	100 series of measurements, 8,000 values per series	<b>Memory</b>	100 series of measurements, 8,000 values per series

Base price:

VAT excluded  
878.97 €VAT included  
1,072.34 €

Model ref. 4250348725646