Product information

Height measuring instrument Digimar 816 CLT600

Functions
Contacting from below/above, Bar width or groove spacing incl. bar or groove center, Bore or shaft diameter incl. bore or shaft center, Reversal point bores (top or bottom), Reversal point shaft (top or bottom), Calculate distances or symmetry, Dynamic measurement functions, Right angle measurement, Straightness measurement, Measurement in 1D mode, Measurement programs, Measurement data processing

Package contains
height measuring instrument incl. operating and display unit, carrier 817h1, probe K6/51, setting block 817 eb, USB cable, instruction manual, power source, protection cover, Calibration certificate

Measuring system properties
- Excellent measuring accuracy and reliability due to the optical incremental measuring system with the double reader head
- Dynamic probe system enabling high repeatability
- Air bearing system for light and smooth movement
- Measuring head guided in precision ball bearings
- Motorized measuring slide simplifies measurement runs
- Probe constant remains after the instrument is switched off
- Integrated rechargeable battery with a long operating life for mains-independent measurement
- Temperature compensation via integrated temperature sensor

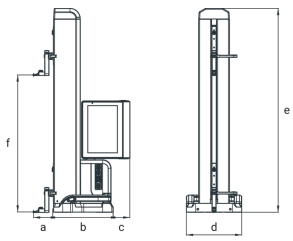
Item no.: **4429631**

Technical data

Measuring range up to	600 mm
Measuring range up to	24 inch
Application range from	170 mm
Application range up to	770 mm
Application range from	6.8 inch
Application range up to	30.8 inch
Resolution	0.0001 mm, 0.0005 mm, 0.001 mm, 0.005 mm, 0.01 mm
Resolution	0.00001 inch, 0.00005 inch, 0.0001 inch, 0.0005 inch, 0.001 inch
Repeatability planes	1 µm
Repeatability bores	2 µm
Perpendicularity error in µm	8 µm
Operation time Max	14 h
Data interface	3x USB 2.0, wireless
Measuring system execution	incremental scale with optical scanning
Product weight	26.00 kg

Dimensions

Dimensions e in mm	938 mm
Dimensions b in mm	278 mm
Dimensions a in mm	89 mm
Dimensions f in mm	610 mm
Dimensions c in mm	77 mm
Dimensions d in mm	255 mm



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Accessories

Order no.	Designation	Product type
4102220	Wireless receiver for measuring instruments with integrated wireless	i-Stick
4221525	Surface plate made from granite	107 G
4221526	Surface plate made from granite	107 G