

# Product information

## Height measuring instrument Digimar 816 CLT350

### 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.: **4429630**

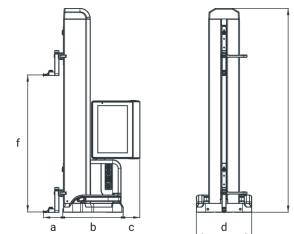


### Technical data

<b>Measuring range up to</b>	350 mm
<b>Measuring range up to</b>	14 inch
<b>Application range from</b>	170 mm
<b>Application range up to</b>	520 mm
<b>Application range from</b>	6.8 inch
<b>Application range up to</b>	20.8 inch
<b>Resolution</b>	0.0001 mm, 0.0005 mm, 0.001 mm, 0.005 mm, 0.01 mm
<b>Resolution</b>	0.00001 inch, 0.00005 inch, 0.0001 inch, 0.0005 inch, 0.001 inch
<b>Repeatability planes</b>	1 µm
<b>Repeatability bores</b>	2 µm
<b>Perpendicularity error in µm</b>	5 µm
<b>Operation time Max</b>	14 h
<b>Data interface</b>	3x USB 2.0, wireless
<b>Measuring system execution</b>	incremental scale with optical scanning
<b>Product weight</b>	22.00 kg

### Dimensions

<b>Dimensions e in mm</b>	688 mm
<b>Dimensions b in mm</b>	278 mm
<b>Dimensions a in mm</b>	89 mm
<b>Dimensions f in mm</b>	356 mm
<b>Dimensions c in mm</b>	77 mm
<b>Dimensions d in mm</b>	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

