

**QM Height w/o Air Floating,  
Inch/Metric**

Item number: 518-241

**Images**



**ABSOLUTE®**



## Description

This is a high precision ABSOLUTE Digital Height Gauge that offers you the following benefits:

- It has a high accuracy, high resolution ABSOLUTE linear encoder for position detection.
- Types with and without pneumatic drive mechanism.
- Automatic running of prelearned part programs.
- You can easily implement frequently used measurements, such as inside/outside diameter and pitch calculations, by icon-based commands that also support easy one-key operation.
- Extraordinary battery life.
- GO/ $\pm$ NG judgement is performed by setting the upper and lower tolerances.

## Features

|                            |                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Model:</b>              | QMH-14"AX                                                                                                     |
| <b>Digital/Analog:</b>     | Digital                                                                                                       |
| <b>Range:</b>              | 0-14"/0-350 mm                                                                                                |
| <b>Digital step:</b>       | 0.00005/0.0001/0.0002" or 0.001/0.005 mm                                                                      |
| <b>Accuracy:</b>           | $\pm(2,4+2,1L/600)$ $\mu$ m<br>L = Measuring length (mm)                                                      |
| <b>Delivered:</b>          | In a cardboard box with LR6 batteries (4 pcs.), setting block for probe calibration, ball offset probe D=5 mm |
| <b>Perpendicularity:</b>   | 7 $\mu$ m                                                                                                     |
| <b>Air floating:</b>       | no                                                                                                            |
| <b>Scale:</b>              | ABSOLUTE electromagnetic inductive                                                                            |
| <b>Display:</b>            | TN monochrome LCD                                                                                             |
| <b>Measuring function:</b> | 1D measurement: height diameter, pitch, Max/Min/TIR (Max-Min), tolerance, preset, data memory                 |
| <b>Drive method:</b>       | Manual                                                                                                        |
| <b>Guiding method:</b>     | Roller bearing                                                                                                |
| <b>Inch-Metric:</b>        | Inch/Metric                                                                                                   |
| <b>Power supply:</b>       | Alkaline battery size AA LR6 (4pcs.), rechargeable battery size AA Ni-MH (4pcs.), AC-Adapter (optional)       |
| <b>Battery life:</b>       | Approx. 1200 h (without air floating)<br>Approx. 90 h (with air floating)                                     |
| <b>Mass:</b>               | 25 kg                                                                                                         |

Optional accessories:

Promotion!

Mitutoyo

MiCAT  
the standard in world  
metrology software  
MeasurLink®

**USB-ITPAK Vers. 3.0**

USB Dongle + Manual (Software available Online)

Art No. 06AGR543

Promo price: **268.00 €\***

Suggested retail price: ~~340.00 €\*~~



USB-ITPAK



**AC-Adapter, 6V 2A**

Korea  
Art No. 06AGZ369E  
Suggested retail price: 85.00 €\*



**Digimatic Cable, Flat 10-Pin Type**

1 m  
Art No. 936937  
Suggested retail price: 57.00 €\*



**Digimatic Cable, Flat 10-Pin Type**

2 m  
Art No. 965014  
Suggested retail price: 72.00 €\*

Promotion!



### USB Input Tool Direct (Digimatic to USB)

2m Cable, Digimatic/Digimatic 2, Flat 10-Pin  
Type

Art No. 06AFM380D

Promo price: **98.00 €\***

Suggested retail price: ~~124.00 €\*~~



### U-WAVE Transmitter Mounting Plate

for QM-Height

Art No. 02AZE990

Suggested retail price: 43.00 €\*

Promotion!



### Connection Cable E for U- WAVE

Round 6-Pin Type

Art No. 02AZD790E

Promo price: **68.00 €\***

Suggested retail price: ~~98.00 €\*~~



### USB Cable 1m, DP-1VA to PC etc.

USB Type A to Micro USB Type B Plug

Art No. 06AFZ050

Suggested retail price: 21.00 €\*

### Ball Probe Coaxial Type

D=2mm, 72mm Length

Art No. 957261

Suggested retail price: 114.00 €\*



### Ball Probe Coaxial Type

D=2mm, Ruby, 72mm Length  
Art No. 12AAF667  
Suggested retail price: 319.00 €\*  

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### Ball Probe Coaxial Type

D=3mm, 72mm Length  
Art No. 957262  
Suggested retail price: 120.00 €\*  

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### Ball Probe Coaxial Type

D=4mm, 76mm Length  
Art No. 957263  
Suggested retail price: 132.00 €\*  

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### Ball Probe, Coaxial Type

D=10mm  
Art No. 12AAB552  
Suggested retail price: 185.00 €\*  

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### Disk Probe Coaxial Type

D=14mm, 59mm Length  
Art No. 957264  
Suggested retail price: 234.00 €\*  

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## Disk Probe Coaxial Type

D=20mm, 48mm Length  
Art No. 957265  
Suggested retail price: 293.00 €\*  

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## Ball Probe Eccentric Type

D=4mm  
Art No. 12AAA788  
Suggested retail price: 81.00 €\*  

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## Ball Probe Eccentric Type

D=6mm  
Art No. 12AAA789  
Suggested retail price: 87.00 €\*  

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## Depth Probe for Height Gauge

90mm Reach  
Art No. 12AAC072  
Suggested retail price: 201.00 €\*  

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## Indicator Holder LH-600

For 8mm Stem  
Art No. 12AAA792  
Suggested retail price: 134.00 €\*  

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Promotion!



### U-WAVE fit Bluetooth, IP67 Type

Wireless Transmitter for  
Micrometer/Indicator  
Art No. 264-626

Promo price: **129.00 €\***   
Suggested retail price: ~~185.00 €\*~~

Promotion!



### U-WAVE fit Bluetooth, Buzzer Type

Wireless Transmitter for  
Micrometer/Indicator  
Art No. 264-627

Promo price: **129.00 €\***   
Suggested retail price: ~~185.00 €\*~~

Standard accessories:



### Ball Offset Probe QM-Height

D=5mm, Standard Accessory  
Art No. 05HZA148  
Suggested retail price: 97.00 €\*



### Setting Block Linear Height/QM-Height

Probe Calibration  
Art No. 12AAA715  
Suggested retail price: 120.00 €\*

Spare parts

Consumable spares:



## Battery, LR6, 1,5V

4 pcs.

Art No. 011037

Suggested retail price: 17.00 €\*  

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