



Digimatic QuantuMike IP65 Micrometer

Reference: 293-141-40

Images





Dust- and
Water-
Protected

www.tuv.com
ID 1111264795



Description

IP65 micrometer offering movement four times faster than a standard micrometer.

It has the following advantages:

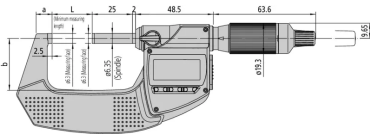
- Measurement is significantly faster using a finer thread that allows the spindle to move 2 mm per drum revolution instead of 0.5 mm on a standard thread
- Bidirectional communication, e.g. parameter setting from a PC (Digimatic interface S1)
- Since the ratchet mechanism is controlled by both the drum and the rapid advance, the micrometer is always easy to use, even with one hand.
- Equipped with calibration date warning function.
- The GO/±NG evaluation is performed by defining the upper and lower tolerances.
- Exceptional accuracy, refer to EN ISO 3611 JMPE ±1 µm (0-25, 25-50 mm model).
- Excellent water and dust resistance (IP65 protection level) allows use in machining situations involving coolant splashes
- A function lock protects the screen against unauthorized use.

Features

Digimatic/mechanical:	Digimatic
Book:	In box, key, CR 20232 battery, inspection certificate
Unit of measurement:	Metric
Ability:	25 - 50 mm
Resolution:	0.001 mm
Max Adm J MPE Error:	±1 µm
Flatness:	0.3 µm
Parallelism:	1 µm

Data output:	Digimatic S1
Display :	LCD, character height 7.5 mm
Measuring area:	Carbide, ground
Measuring pin:	With spindle lock, ø 6.35 mm, spindle feed 2 mm
Measuring force:	7 - 12 N
Food:	1 CR2032 battery
Battery life:	About 2 years (Under normal condition) About 4000 hours (Under continuous use)
On/Off:	Yes
ZERO / ABS change:	Yes
Auto-off (20 min. without use):	Yes
Low battery alarm:	Yes
Key lock:	Yes
Data retention:	Yes
PRESET (preselection) 2 values:	Yes
Introduction of tolerance:	Yes
Calculation function:	Yes
Key customization:	Yes
Calibration alert function:	Yes
Weight:	325 g

Dimensions



Technical drawing of the Mitutoyo Digimatic QuantuMike IP65 Micrometer. The drawing shows the device with various dimensions labeled. The main body length is L = 25 mm. The height of the main body is has = 9.8 mm. The width of the main body is b = 32.5 mm. Other dimensions shown include 2.5, 25, 7, 48.5, 63.6, and 14.65.

L: 25 mm

has: 9.8 mm

b: 32.5 mm

Accessories

Optional accessories:

Promotion!



Digimatic-USB interface

Digimatic std/2/S1

Art No. 264-020

Promotional price: **€ 209.00 ***

~~Recommended retail price: € 259.00 *~~



Digimatic IP cable with Data button

1 m, Digimatic (Std + 2 + S1)

Art No. 06AGL111

Recommended retail price: € 129.00 *



Digimatic IP cable with Data button

2 m, Digimatic (Std + 2 + S1)

Art No. 06AGL121

Recommended retail price: € 138.00 *

Promotion!



USB Input Tool Direct (Digimatic USB)

2 m, Digimatic (Std + 2 + S1) - IP

Art No. 06AGQ001A

Promotional price: **€ 119.00 ***

~~Recommended retail price: € 145.00 *~~

Promotion!



Connector for IP micrometer (new QuantumMike)

U-WAVE fit, U-WAVE fit Bluetooth for
Digimatic S1 interface
Art No. 02AZF960

Promotional price: **€ 74.90 ***

Recommended retail price: ~~€ 107.00 *~~

Promotion!



U-Wave fit, IP67

Issuer
Art No. 264-622

Promotional price: **€ 129.00 ***

Recommended retail price: ~~€ 185.00 *~~

Promotion!



U-Wave fit

Buzzer transmitter
Art No. 264-623

Promotional price: **€ 129.00 ***

Recommended retail price: ~~€ 185.00 *~~

Promotion!



U-Wave Bluetooth, IP67

Issuer
Art No. 264-626

Promotional price: **€ 139.00 ***

Recommended retail price: ~~€ 185.00 *~~

Promotion!



U-Wave bluetooth, Buzzer

Issuer

Art No. 264-627

Promotional price: **€ 139.00 ***

Recommended retail price: ~~€ 185.00 *~~



Black hood

Art No. 04GAA899

Recommended retail price: **€ 9.00 ***



Red hood

Art No. 04GAA900

Recommended retail price: **€ 9.00 ***



Yellow hood

Art No. 04GAA901

Recommended retail price: **€ 9.00 ***



Green hood

Art No. 04GAA902

Recommended retail price: € 9.00 *



Blue hood

Art No. 04GAA903

Recommended retail price: € 9.00 *



Grey hood

Art No. 04AAB208

Recommended retail price: € 7.00 *



Micrometer stand, fixed tilt angle 45°

for micrometer 0-50 mm

Art No. 156-105-10

Recommended retail price: € 58.00 *

Promotional



Micrometer stand, variable tilt angle

for micrometer 0-100 mm
Art No. 156-101-10

Promotional price: **€ 55.90 ***

Recommended retail price: ~~€ 70.00 *~~

Standard accessories:



Key

Micrometer
Art No. 301336
Recommended retail price: **€ 7.00 ***

Spare parts

Replacement accessories:



CR-2032 battery

1 room
Art No. 05SAA217D
Recommended retail price: **€ 10.00 ***