

Digital Micrometer QuantuMike IP65

Item number: 293-142-40

[Images](#)



Dust- and Water-Protected
 www.tuv.com
 ID 1111264795



Description

This is an IP65 micrometer offering movement four times as fast as a standard micrometer.

It presents you with the following benefits:

- Faster measurement is achieved by using a coarser thread which feeds the spindle by 2 mm per thimble rotation.
- Bidirectional communication e.g. to perform parameter setting from a PC (Digimatic S 1 interface) is possible.
- Ratched thimble mechanism and a small design ensures easy single-handed or stand operation.
- Equipped with a calibration schedule warning function.
- GO/ \pm NG judgement is performed by setting the upper and lower tolerance limits.
- Approach speed warning function for reliable measurements.
- Extraordinary battery life of 2 years (4000 h).
- Outstanding accuracy refer to EN ISO 3611 $J_{MPE} \pm 1 \mu\text{m}$ (0-25, 25-50 mm model).
- Excellent resistance against water and dust (IP65 protection level) enables this micrometer to be used in machining situations that include splashing coolant fluid.
- A function lock protects the display against unauthorized use.
- Visibility is improved by enlarging the display unit.

Features

Digital/Analog:	Digital
Delivered:	Including box, spanner, CR2032 battery, certificate of inspection
Inch-Metric:	Metric
Range:	50 - 75 mm
Digital step:	0.001 mm
Max. Permissible Error J MPE:	$\pm 2 \mu\text{m}$
Flatness:	0.3 μm
Parallelism:	2 μm
Data output:	Digimatic S1
Display:	LCD, character height 7.5 mm
Measuring face:	Carbide-tipped, micro-lap finish
Measuring spindle:	With spindle lock, \varnothing 6.35 mm, spindle pitch 2 mm
Measuring force:	7 - 12 N
Power supply:	1 battery CR2032
Battery life:	Approx. 2 years (under normal use) Approx. 4000 hours (continuous use)
ON/OFF:	Yes
ABS / INC (INC ZERO):	Yes
Auto Power OFF after 20 min. non use:	Yes
Low voltage alarm:	Yes

Function lock: Yes

HOLD: Yes

PRESET: Yes

GO/±NG judgement: Yes

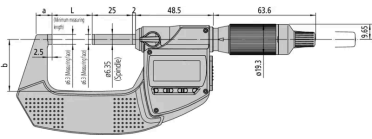
Calculation function (with formula): Yes

Customizing keys: Yes

Calibration warning function: Yes

Mass: 465 g

Dimensions



L: 50 mm

a: 12.6 mm

b: 47 mm

Accessories

Optional accessories:

Promotion!



USB Input Tool Interface Box

Digimatic/Digimatic 2/Digimatic S1 Interface
Art No. 264-020

Promo price: **209.00 €***

Suggested retail price: ~~259.00 €*~~



Digimatic Cable with Data Button IP Type

1m, Digimatic/ Digimatic 2/ Digimatic S1
Interface

Art No. 06AGL111

Suggested retail price: **129.00 €***



Digimatic Cable with Data Button IP Type

2m, Digimatic/ Digimatic 2/ Digimatic S1
Interface

Art No. 06AGL121

Suggested retail price: **138.00 €***

Promotion!



USB Input Tool Direct (Digimatic USB)

2m, Digimatic/ Digimatic 2/ Digimatic S1
Interface, IP Type
Art No. 06AGQ001A

Promo price: **119.00 €***

Suggested retail price: ~~145.00 €*~~

Promotion!



Connection Unit for IP Micrometer

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

Promo price: **74.90 €***

Suggested retail price: ~~107.00 €*~~

Promotion!



U-WAVE fit, IP67 Type

Wireless Transmitter for
Micrometer/Indicator
Art No. 264-622

Promo price: **129.00 €***

Suggested retail price: ~~185.00 €*~~

Promotion!



U-WAVE fit, Buzzer Type

Wireless Transmitter for
Micrometer/Indicator
Art No. 264-623

Promo price: **129.00 €***

Suggested retail price: ~~185.00 €*~~

Promotion!



U-WAVE fit Bluetooth, IP67 Type

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

Promo price: **139.00 €***

Suggested retail price: ~~185.00 €*~~

Promotion!



U-WAVE fit Bluetooth, Buzzer Type

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

Promo price: **139.00 €***
Suggested retail price: ~~185.00 €*~~



Color Speeder

for Ratchet Thimble Black
Art No. 04GAA899
Suggested retail price: **9.00 €***



Color Speeder

for Ratchet Thimble Red
Art No. 04GAA900
Suggested retail price: **9.00 €***



Color Speeder

for Ratchet Thimble Yellow
Art No. 04GAA901
Suggested retail price: **9.00 €***



Color Speeder

for Ratchet Thimble Green
Art No. 04GAA902
Suggested retail price: **9.00 €***



Color Speeder

for Ratchet Thimble Blue
Art No. 04GAA903
Suggested retail price: 9.00 €*



Color Speeder

for Ratchet Thimble Grey
Art No. 04AAB208
Suggested retail price: 7.00 €*



Micrometer Stand, 45° Angle Type

for Micrometer 0-50mm/0-2"
Art No. 156-105-10
Suggested retail price: 58.00 €*

Promotion!



Micrometer Stand, Adjustable Angle Type

for Micrometer 0-100mm/0-4"
Art No. 156-101-10
**Promo price: 55.90 €*
~~Suggested retail price: 70.00 €*~~**

Standard accessories:



Spanner R=7,3/4,5mm

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

Spare parts

Consumable spares:



Lithium battery CR-2032

1 pcs.

Art No. 05SAA217D

Suggested retail price: 10.00 €*
