



GUMASTER – Ferramentas e Técnicas Inovadoras, Lda

Ferramentas Energeticamente Ecológicas em todos os sentidos

Micrometros base exteriores interiores 3 pontos HELIOS

Pag.
2M02
2020

0912 Digital micrometers



Specification

- Protection class IP64
- Reading: 0.001 mm / .00005 inch
- Locking lever
- Ratchet stop
- Carbide measuring faces
- Thermally insulated
- Factory standard

Electronic functions

- ON/OFF switch
- Automatic OFF
- Zero setting at any position
- mm/inch conversion

Shipment

- From measuring range 25 mm upwards includes a setting gauges
- Plastic case

Model	Measuring range		Spindle dia. mm	Pitch mm	Ref. No.
	mm	inch			
0912 501	0 - 25	0 - 1	6.5	0.5	0912 501
	25 - 50	1 - 2			
	50 - 75	2 - 3			
0912 502	75 - 100	3 - 4	6.5	0.5	0912 502
	100 - 125	4 - 5			
0912 503	125 - 150	5 - 6	6.5	0.5	0912 503
	150 - 175	6 - 7			
0912 504	175 - 200	7 - 8	6.5	0.5	0912 504

Accessories

Battery 1.5V, type 357

Ref. No.

0220 204

0912 Set of digital micrometers



Shipment

- Includes 4 micrometers
- Incl. setting gauges 25/50/75 mm
- Wooden case

Model	Measuring range mm	Spindle dia. mm	Pitch mm	Ref. No.
0912 521	0 - 100	6.5	0.5	0912 521

1866 Digital micrometers IP65



1866 410



1866 510

Marked * = excess length/excess weight

Marked ** = includes a F.O.C. calibration certificate, traceable to national standards

Model

- Reading: 0.001 mm / .00005 inch
- Protection class IP65
- LCD display: 10 mm
- Rapid drive
- Carbide measuring faces
- Spindle stainless, hardened and smoothed
- Frame lacquered
- Thermally insulated
- Factory standard

Functions

- ON / OFF
- Quick-Start
- Quick-Lock (key lock)
- Set to zero at any point
- mm / inch switching
- ABS (display can be set to zero without losing the ORIGIN)
- Hold

Additionally 1866 5xx:

- ORIGIN (Preset value)
- Variable data output USB + Digimatic
- TOL (tolerance value input)

Delivery

- Plastic case
- From measuring range 25 mm upwards includes a setting standard

Model	Measuring range		Pitch mm	Spindle dia. mm	Error limit mm	Order no.
	mm	inch				
Without data output						
1866 410	0 - 25	0 - 1	0.5	6.5	0.002	1866 410
	25 - 50	1 - 2				
	50 - 75	2 - 3				
1866 413	75 - 100	3 - 4	0.5	6.5	0.003	1866 413
With Data/Variable bidirectional						
1866 510	0 - 25	0 - 1	0.5	6.5	0.002	1866 510
	25 - 50	1 - 2				
	50 - 75	2 - 3				
1866 513	75 - 100	3 - 4	0.5	6.5	0.003	1866 513



Accessories

Battery 3V-Lithium, CR 2032

Data cable bidirectional DataVariable to USB

Data cable bidirectional DataVariable to Digimatic

Order no.

0220 704

1999 801

1998 802

1866i Digital micrometers IP65 with integrated wireless



Model

- Reading: 0.001 mm / .00005 inch
- Protection class IP65
- LCD display: 10 mm
- Rapid drive
- Carbide measuring faces
- Spindle stainless, hardened and smoothed
- Frame lacquered
- Thermally insulated
- Factory standard

Functions

- ON / OFF
- Quick-Start
- Quick-Lock (key lock)
- Set to zero at any point
- mm / inch switching
- ABS (display can be set to zero without losing the ORIGIN)
- Hold
- ORIGIN (Preset value)
- TOL (tolerance value input)
- Integrated Wireless

Delivery

- Plastic case
- From measuring range 25 mm upwards includes a setting standard

Model	Measuring range		Pitch mm	Spindle dia. mm	Error limit mm	Order no.
	mm	inch				
1866 41060	0 - 25	0 - 1	0.5	6.5	0.002	1866 41060
	25 - 50	1 - 2				
	50 - 75	2 - 3				
1866 41360	75 - 100	3 - 4	0.5	6.5	0.003	1866 41360

Accessories

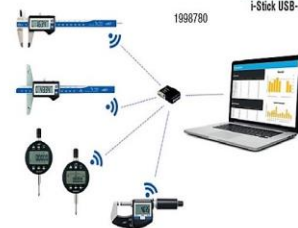
Battery 3V-Lithium, CR 2032

i-Stick USB-receiver for Integrated Wireless

Order no.

0220 704

1998 780



More information on our i-series and Integrated Wireless on page 277

Integrated Wireless is intended to be sold within the European Economic Area only

1866i Digital micrometers IP65 linear 5 mm pitch



1866 610

5 mm per revolution

NEW



1866 61060

5 mm per revolution

Marked * = excess length/excess weight

Marked ** = includes a F.O.C. calibration certificate, traceable to national standards

Specification

- Reading: 0.001 mm / .00005 inch
- Protection class IP65
- LCD display: 10 mm
- Rapid drive
- Sliding spindle
- Carbide measuring faces
- Spindle stainless, hardened and smoothed
- Frame lacquered
- Thermally insulated
- Factory standard

Functions

- ON / OFF
- Quick-Start
- Quick-Lock (key lock)
- Set to zero at any point
- mm / inch switching
- ABS (display can be set to zero without losing the ORIGIN)
- ORIGIN (Preset value)
- Hold
- TOL (tolerance value input)

- Variable data output (1866)
- USB + Digimatic
- Integrated Wireless (1866i)

Delivery

- Plastic case
- From measuring range 25 mm upwards includes a setting standard

Model	Measuring range		Pitch mm	Spindle dia. mm	Error limit mm	Order no.
	mm	inch				
With Data/Variable bidirectional						
1866 610	0 - 25	0 - 1	5	6.5	0.002	1866 610
	25 - 50	1 - 2				
	50 - 75	2 - 3				
1866 613	75 - 100	3 - 4	5	6.5	0.003	1866 613
With Integrated Wireless						
186661 060	0 - 25	0 - 1	5	6.5	0.002	186661 060
	25 - 50	1 - 2				
	50 - 75	2 - 3				
186661 360	75 - 100	3 - 4	5	6.5	0.003	186661 360

Integrated Wireless is intended to be sold within the European Economic Area only



Accessories

Battery 3V-Lithium, CR 2032

Data cable bidirectional DataVariable to USB

Data cable bidirectional DataVariable to Digimatic

i-Stick USB-receiver for Integrated Wireless

Order no.

0220 704

1999 801

1999 802

1998 780

1866 Digital micrometer BASIC

QuickLock QuickStart Waterproof acc. IP Data output DIN



Model

- Reading: 0.001 mm / .00005 inch
- Protection class IP40
- LCD display: 10 mm
- Rapid drive
- Carbide measuring faces
- Spindle stainless, hardened and smoothed
- Frame lacquered
- Thermally insulated
- Factory standard

Functions

- ON / OFF
- Quick-Start
- Quick-Lock (key lock)
- Set to zero at any point
- mm / inch switching
- Hold

Delivery

- Plastic case

H	%	Measuring range		Pitch	Spindle dia.	Error limit	Order no.
		mm	inch				
		0 - 25	0 - 1	0.5	6.5	0.002	1866 210

Accessories	Order no.
Battery, 3V-Lithium, CR 2032	0220 704

1866i Sets of digital micrometers



H	%	Measuring range		Spindle dia.	Order no.
		mm	inch		
With Integrated Wireless					
		0 - 100	0 - 4	6.5	1866 42160
With DataVariable bidirectional					
		0 - 100	0 - 4	6.5	1866 521

Delivery

- Plastic case
- from measuring range 25 mm upwards includes a setting standard

Accessories	Order no.
Battery, 3V-Lithium, CR 2032	0220 704
Data cable bidirectional DataVariable to USB	1998 601
Data cable bidirectional DataVariable to Digitalmic	1998 602
i-Stick USB-receiver for Integrated Wireless	1998 700

QuickLock QuickStart Waterproof acc. IP Data output DIN

1726i / 1734i DIGI-MET® Indicators with integrated wireless



1726 50260



1734 50260

integrated
IW wireless
Wireless Data Transmission



Model

- Aluminium housing
- Outer ring (Bezel) Ø 60 mm
- Replacement probe tip M2.5
- Protection class IP42
- Clamping shank Ø 8mm
- Display can be rotated through 280°
- LCD display with 11 mm high numerals
- Factory standard

Functions

- ON / OFF
- Quick-Start
- Quick-Lock (key lock)
- Set to zero at any point
- mm / inch switching
- ABS (display can be set to zero without losing the Preset value)
- TOL (tolerance value input)
- Reversal of counting direction

- Factor input
- Individual key lock
- PRESET-Function (setting a numerical value)
- Variable data output RS 232 + Digitalmic + USB
- Integrated Wireless

Delivery

- Cardboard box

H	%	Measuring span		Resolution	Error limit		Repeatability	Measuring force	Order no.
		mm	inch		total span mm	partial span** mm			
		12.5	0.0005	.00002	0.004	0.002	0.001	0.85 - 0.9	1726 50260
		25	0.0005	.00002	0.004	0.002	0.001	0.85 - 1.15	1726 50660
With combined analogue / digital display and MHR / MAX / TIR Function									
		12.5	0.0005	.00002	0.004	0.002	0.001	0.85 - 0.85	1734 50260
		25	0.0005	.00002	0.004	0.002	0.001	0.85 - 0.9	1734 50660

* Reading switchable: 0.0005 / 0.001 / 0.002 / 0.005 / 0.010 mm
** Partial span = 25 steps by step value 0.0005 mm

Accessories	Order no.
Battery, 3V-Lithium, CR 2450	1998 770
Data cable Data Variable to USB	1998 720
Data cable Data Variable to RS232	1997 501
Data cable Data Variable to digitalmic	1729 910
Cable release (12.5 mm)	1998 510
i-Stick USB-receiver for Integrated Wireless	1998 700

Integrated Wireless is intended to be sold in the European Economic Area only

1924 DIGI-MET® 3 point internal measuring pistols

Marked * = excess length/excess weight Marked ** = includes a FOC calibration certificate, traceable to national standards



Model

- For through holes
- Mounting thread for changing of measuring heads
- From measuring range 12 mm for through and blind holes
- From measuring range 12 mm with carbide tipped measuring faces
- Digital indicator recommended as display device

Delivery

- Plastic case
- Incl. setting ring
- Without display device
- Calibration certificate
- **for setting ring included**



Inclusive!

H	%	Measuring range		Measuring depth	Order no.
		mm	mm		
*		6 - 8		58	1924 510
*		8 - 10		58	1924 512
*		10 - 12		58	1924 514
*		12 - 16		64	1924 516
*		16 - 20		64	1924 518
*		20 - 25		68	1924 520
*		25 - 30		68	1924 522
*		30 - 40		76	1924 524
*		40 - 50		76	1924 526
*		50 - 60		78	1924 528
*		60 - 70		78	1924 530
*		70 - 85		97	1924 532
*		85 - 100		97	1924 534
*		100 - 125		132	1924 536
*		125 - 150		132	1924 538
*		150 - 175		132	1924 540
*		175 - 200		132	1924 542



1726506

172850660

Accessories	Order no.
DIGI-MET® Indicator	1726 506
DIGI-MET® Indicator with integrated wireless	172850 660

Calibration certificate for pistol and head only possible in combination with an indicator

1924 DIGI-MET® Set of 3 point internal measuring pistols



Model

- For through holes
- From measuring range 12 mm for through and blind holes
- From measuring range 12 mm with carbide tipped measuring faces
- Digital indicator recommended as display device

Delivery

- Plastic case
- Incl. setting ring
- Without display device
- Calibration certificate
- **for setting ring included**

H	%	Measuring range	Number of devices	Order no.
*		6 - 12	3	1924 674
*		12 - 20	2	1924 576
*		20 - 50	4	1924 578
*		50 - 100	4	1924 580

Calibration certificate for pistol and head on request, only possible in combination with an indicator

1924 DIGI-MET® Basic unit for 3 point internal measuring pistols



Model

- Mounting thread for changing of measuring heads
- Support for indicators with shaft Ø 8 mm
- Measuring range 6-100 mm incl. adapter for 6-20 mm

Delivery

- Plastic case

H	%	Measuring range	Order no.
		6 - 100	1924 100
		20 - 100	1924 200
		100 - 200	1924 300

Accessories	Order no.
Replacement adapter 6-20 mm for measuring pistol 1924 100	1924 190

QuickLock QuickStart Waterproof acc. IP Data output DIN