Millimess 2000 W / 2000 Wi

Inductive comparator



















FUNCTIONS

- ON/OFF
- mm/inch
- RESET (set display to zero)
- PRESET (for entering a numerical value)
- ABS (reference to the electrical zero point)
- Selectable resolution
- TOL (Tolerance and Warning Limits Input)
- Factor (adjustable)
- Reversal of counting direction
- HOLD (storage of measured values)
- LOCK function (key lock)
- DATA (data transmission)
- Bi-directional data interface (external output and input option of characteristic values as well as setting of individual lock functions by software MarCom)

FEATURES

- Tempered glass front with touch control panels with enormous advantages:
 - scratch and impact resistant surface
 - excellent protection against dust, coolants and lubricants
 - wear-free touch operating keys
 - improved safety of measurement values in measuring stands, as only a light touch of the key – no keystroke is required, thus no adjustment or deformation of the measuring device
- High-contrast LCD display, thus very clear and safe to read
- Clear tolerance symbols and colored LED signals (red, green, yellow) for measured value classification
- with warning limit input: No Go / Go / Warning Limit
- without warning limit input: No Go / Go / Rework
- Operating and display unit (bezel) can be rotated through 280°
- Mounting shank and measuring spindle are both made of
- hardened stainless steel
 Measuring spindle is mounted in a high-precision ball guide for minimal hysteresis
- Linearized inductive absolute measuring system
- Measuring force spring is interchangeable
- Lower stop is adjustable
- Software: MarCom Professional free download: www.mahr.com/marcom (only for Mahr data cables and wireless systems with USB and RS- 232 interface)



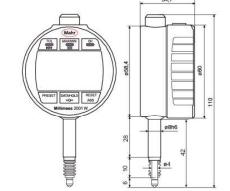


Application:

For static measuring tasks

TECHNICAL DATA

Order no.		4346700	4346701
Туре		2000 W	2000 Wi
Measuring range	mm	± 1	
Resolution	mm	0.0001, 0.0002, 0.0005, 0.001, 0.002, 0.005, 0.01	
Resolution	inch	.000005", .00001", .00002", .00005", .0001", .0002", .0005"	
Error limit	μm	\pm (0.2 + 0.5 x L) L in mm	
Measuring value hysteresis f _u	μm	0.3	
Repeatability f _w	μm	0.1	
Standard		Factory standard	
Free stroke	mm	2.5	
Measuring force	N	0.9 ± 0.1 (Reference to absolute zero point of inductive measuring system)	
IP protection category		IP 64	
Supply voltage		100– 240 V	



- Digit height: 11.5 mm
- Data interface: USB, Digimatic
- Energy supply: Integrated rechargeable accumulator (up to 4 weeks) or powered by USB Data Cable
- Battery type: Lithium polymer battery 3.7 V
- Package contains: instruction manual, USB data and charging cable type DK-U1, plug-in power supply (with 4 interchangeable adapters) for USB, rubber bellows, screwdriver for pre-stroke adjustment (hexagon socket 0.9 mm), case



ACCESSORIES

Order no.	Description	Type
4102603	Data cable USB bi-directional (2 m)	DK-U1
4102606	Interface adapter with data cable Digimatic (2 m)	DK-D1
4310103	Adapter bushing (.375" / 8 mm)	940
4346010	Manual lifter with cable release	2000 h
4346011	Pneumatic lifter	2000 p
4346012	Measuring force adjuster	2000 m
4337421	Lug back	1086 b
4346050	Measuring force spring 0.25 N	
4346051	Measuring force spring 0.50 N	
4882284	Measuring force spring 0.75 N	
4346052	Measuring force spring 1.00 N	
4346053	Measuring force spring 1.50 N	
4346054	Measuring force spring 2.00 N	
4346055	Measuring force spring 2.50 N	
4337900	Display protection film, anti reflective frosted, made of extra hard hybrid glass, to protect against scratches and reflections	1086 sf
4346606	Shock protection ring made of hard rubber for Millimess 2000 W(i) / 2001 W(i)	1086 sr
4102220	Receiver for instruments with Integrated Wireless	i-Stick

