

TESA MICROBEVEL 1

These electronic inclinometers measure slightly inclined surfaces, precisely – e.g. when inspecting flatness of a surface plate or the geometry of a machine – Specially suited for use in rough surrounding conditions.

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- DIN 2276 Part 2 (Style D)
- LCD (see table)
- See table
- Fully encapsulated measuring system with gravity pendulum
- Cast iron base, chromium plated side faces, varnished light alloy housing
- 2 flat plus 2 prismatic meas. faces for 20 to 120 mm diameters
- See table below
- Response time -3 s
- RS 485, asynchronous, 7 bits, 2 stop bits, no parity, 9600 bauds
- 1 mV per unit (100 kΩ)
- 1.5 V battery, type LRC 6, AA
- 100 to 140 hours
- Automatic shut down after 55 min
- 0 to 40°C
- 20 to 70°C
- ≤ 0,1%/°C based on the measuring range at 20 ±5°C
- As in above table, incl. suited case
- EN 50081-1 / -2 EN 50082-1 / -2
- Plastic case
- Identification number
- Declaration of conformity

		Basis length mm	Width mm	mm/m	kg
05330003	Horizontal model	110	45	0,01 or 0,001	1,8
05330004	Horizontal model	150	45	0,01 or 0,001	2,1
05330005	Square model	150	45	0,01 or 0,001	3,1

Models with numerical interval to 0,05 or 0,005 mm/m available on request

Optional Accessories

04768002	1,5 V Batteries, type LRC 6, AA (4 items)
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Range	mm/m	mm/m	mm	≤ 5 mm/m	> 5 mm/m
1	± 20	± 5	0,01	G = 1% of measured value plus at least 0,01 mm/m	G = 0,01 mm/m
Range	mm/m	mm/m	mm	≤ 1 mm/m	> 1 mm/m
2	± 2	± 2	0,001	G = 1% of measured value plus at least 0,001 mm/m	G = 1% of (2x the measured value -1)