

 ROHS 2 according to 2011/65/EU
REACH according to EC 1907/2006
WEEE according to 2002/96/EC

 10 x 5 mm

 For a temperature of 20°C and a relative humidity of ≤ 50 %:
Analogue and digital response time: ≤ 100 ms. Holding of digital display: ≥ 100 ms.

 Supply: 4 batteries AA 1,5 V, type LRC 6.
Power consumption: ≈ 7 mW/3,5 V.
Probe supply voltage: 0,7 V.
Supply frequency: 13 ± 0,65 kHz

 For a temperature of 20°C and a relative humidity of ≤ 50 %:
Zero drift and signal amplification: ≤ 0.005 %/°C.
Display frequency limit with respect to input signal: 10 Hz

 IP63 (IEC 60529)

 2004/108/EC
EN 61326-1
annex A

 RS232 via TLC connector

 100 x 170 x 38 mm
(W x D x H)

 LCD display size:
70 x 62 mm

 500 g
(including batteries)

 5 decades plus
minus sign

 ± 1 digital step

 Value limit for a temperature of 20°C and a relative humidity of ≤ 50 %:
Analogue display: 1 %
Digital display: 1 %

TESATRONIC TWIN-T10 probe display unit

- Portable display TESATRONIC TWIN-T10 for TESA inductive probe.
- Autonomous instrument used during assembly, on an inspection workstation of a production line, for final inspection or directly on a machine on the shop floor.
- Frequently used with a GT 31 lever probe for geometry measurements: form tolerances (straightness, flatness etc.) or orientation tolerances (parallelism, perpendicularity, etc.).
- Function TOL for measurements with tolerances.
- Memory function for values MAX, MIN or MAX-MIN for dynamic measurements.
- Function for zero-setting of the display, for easy comparative measurements with a reference part.
- Special ZOOM mode for a more detailed visualization of the analogue scale. This mode simplifies the alignment and fine adjustment during assembly.

Other features:

- 4 or 7 measuring ranges from ± 5 μm to ± 5 mm, or switchable automatically depending on the measured value.
- Access to functions by direct keys.
- Millimetre/inch conversion.
- 1 probe signal input.
- Power supply by standard AA batteries.
- RS232 digital output (TLC connector).



TWIN-T10



Designation



Number of probe inputs



Automatic conversion of range



Analogue scale zoom x5



Memory function for values MAX, MIN, MAX-MIN

04430013

TESATRONIC TWIN-T10 1

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Run-out measurement with TWIN-T10 and GT 31 lever probe

STANDARD ACCESSORIES:

03210802	GT31 lever probe, $\pm 0,3$ mm, $F = 0,10$ N, standard version
04768000	Hand switch for manually triggering data transfer. Jack plug connector, 1,8 m - TESA SPC PRINTER printer - TESATRONIC TT display units
04768001	Foot switch for triggering data transfer. Jack plug, 1,8 m - TESA SPC PRINTER printer - TESATRONIC (TT) display units
04760181	TESA TLC-USB CABLE for instruments with a TLC connector
04760182	TLC-DIGIMATIC CABLE for instruments with a TLC connector
04760180	TESA TLC-TWIN wireless transceiver. Compatible with any instrument equipped with a TLC connector (TESA Link Connector)
05030012	TWIN-STATION Receiver for wireless TLC-TWIN transceiver
04981001	DATA-DIRECT software and dongle
04981002	STAT-EXPRESS Software and dongle
01460008	Back with central lug
01460009	Back with offset lug