

N DIN 32876
Part 1

110 mm scale length

6-decade display
plus minus sign

12,5 x 6,6 mm

126 x 62 mm
LCD display,
with 50 scale
divisions

Limit value for a
temperature of
20°C and a relative
humidity of
≤ 50 %:
Analog display: 2 %
Digital display:
0,15 %
Analog output:
0,3 %
Digital output:
0,15 %

± 1 digital interval

255 x 235 x 120 mm
(W x D x H)

Resistant plastic

TESATRONIC TT 80 and TT 90 Probe Display Units

High resolution display units

Combined analogue/digital display

Two probe inputs for single, sum and difference measurements.

In addition to TESATRONIC TT60 functions, TT 80 has the following additional functions:

- 9 measuring ranges with digital steps of 0,01 µm or 0.000001 in.
- Memorisation of extreme values "max.", "min.", "max. minus min." as well as the mean of the two values "max." and "min."
- Dynamic measurement with acquisition of more than 10 single values per second.
- Classification of measured values with a contact relay providing output signals for 5, 10, 20 or 40 acceptable classes.
- Analogue output for external processing of signals.

In addition to TESATRONIC TT60 functions, TT 90 has the following additional functions:

- 9 measuring ranges with digital step of 0,01 µm or 0.000001 in.
- Memorisation of extreme values "max.", "min.", "max. minus min." plus the mean of both values "max." and "min."
- Dynamic measurement with acquisition of more than 10 single values per second.
- Classification of measured values with output signals through contact relay for 5, 10, 20 or 40 acceptable classes.
- Analogue output for external signal processing.
- Output for bolt retraction control.
- Selection of stabilisation time for measuring cycles.
- RS digital output for values to the micron.



TT 90



TT 80



Application: TT 80 with a SIP (Société genevoise d'instruments de physique) high precision measuring bench

No	=		
		Measuring range zoom x5	Memory
04430011	TESATRONIC TT80 High precision electronic display	-	●
04430012	TESATRONIC TT90 High precision electronic display	-	●

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	Number of probes inputs	Automatic conversion of range
TESATRONIC TT80 High precision electronic display	2	●
TESATRONIC TT90 high precision electronic display	2	●

