

- DIN 32876 Part 1
- 110 mm scale length
- 50 scale divisions
- 6-decade display plus minus sign
- 12,5 x 6,6 mm
- 126 x 62 mm LCD display
- 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 | – | ● |

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

