

DELIVERED WITH THE FOLLOWING ACCESSORIES:

| | |
|-----------------|---|
| 04761054 | Battery charger 100 ÷ 200 VAC / 50 ÷ 60 Hz, 6,6 V DC, 750 mAh, supplied without power cable |
| 04761055 | Mains cable EU for charger 0471054 |

OPTIONAL ACCESSORIES:

| | |
|-----------------|--|
| 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 |
| 04761062 | Opto-USB cable, Duplex, 2m Bidirectional communication |
| 04761049 | Opto-RS cable, Duplex, 2m Bidirectional communication |



For a temperature of 20°C and a relative humidity of ≤ 50 %: Response time analogue, digital and LED displays classification: ≤ 100 ms. Holding of digital display: 100 ms. Response time of the analogue output signal in relation to analogue display: ≤ 30 ms.



For a temperature of 20°C and a relative humidity of ≤ 50 %: Zero drift and signal amplification: ≤ 0,005 %/°C. No drift of stored values. Frequency limit for all displays frequency, analog output and memory in relation to input signal: 10 Hz



RS232 opto-coupled output



Voltage range of ± 2 V to ± 10 V. Output current: ≤ 2 mA. Load adjustment: ≥ 5 kΩ. Background noise (probe to 0 electric) ≤ 1 mV. Reference potential: analog ground 0 V



6,5 Vdc up to 7,3 V DC. Consumption: 2 W. Monitored voltage fluctuation. Supply voltage for probe: 3 V



Protection of frontal face: IP54 (IEC 60529, DIN 40 050)



IEC/EN 61326-1
USA: CFR47, Part 15, Subpart B, Class B, Digital Device



1,1 kg



N DIN 32876
Part 1

Length: 100 mm

Limit value for a temperature of 20°C and a relative humidity of ≤ 50 %: Analog Display: 1,5 % Analog output: 0,3 %

Display: negligible. Classification signals: 5 %

258 x 190 x 158 mm (W x D x H)

Die-cast aluminum case, designed for the workshop

For a temperature of 20°C and a relative humidity of ≤ 50 %: Response time of the analogue display: ≤ 1 ms. Response time of the analogue output signal from the analog display: 20 ms. Response time for classification signals: 10 ms.

For a temperature of 20°C and a relative humidity of ≤ 50 %: Zero drift: ≤ ± 0,005 % /°C. No drift of stored values. Frequency limit for analogue display: 1 Hz. Frequency limit for analogue output: 50 Hz. Frequency limit for classification: 30 Hz

TESATRONIC TTA20 Probe Display Unit

Compact design with analogue indication and value classification of measured values.

Aluminium housing, designed for shop floor applications, user-friendly.

- Easy-to-read analogue display with mirror strip in order to avoid parallax error.
- 6 measuring ranges.
- Metric/Inch conversion.
- Zero setting potentiometer for display.
- 2 probe inputs for single, sum or difference measurements.
- 1 auxiliary signal input, e.g. for all correction values.
- Colour LEDs of green for "Good", yellow for "Rework" and red for "Scrap".
- Potentiometer for setting limit tolerances.
- Polarity reverse switch for classification signals (internal or external dimensions).
- Switch for locking or unlocking a displayed value.
- Analogue output for a display unit or external recording.



TTA20

| 04430003 | TTA20 | Number of measuring ranges Min range / Max range max (µm) | Measuring range zoom x5 | Memory | Power supply |
|----------|-------|---|-------------------------|--------|--------------|
| | | 6 / min ± 3 max ± 1000 | – | – | Network |

DELIVERED WITH THE FOLLOWING ACCESSORIES:

| | |
|----------|---|
| 03160015 | Mains cable CH 2 m |
| 03160016 | Mains cable, EU, 2 m |
| 03160017 | Mains cable without plug, 2 m for TTA20 |

OPTIONAL ACCESSORY:

| | |
|----------|--|
| 04460004 | Connector 15 pins for analogue output and classification signal of TTA20 |
|----------|--|

| µm | µm | in | in |
|--------|-----|----------|---------|
| ± 1000 | 50 | ± 0.1 | 0.005 |
| ± 300 | 10 | ± 0.03 | 0.001 |
| ± 100 | 5 | ± 0.01 | 0.0005 |
| ± 30 | 1 | ± 0.003 | 0.0001 |
| ± 10 | 0,5 | ± 0.001 | 0.00005 |
| ± 3 | 0,1 | ± 0.0003 | 0.00001 |

| Number of probe inputs | Automatic conversion of range |
|------------------------|-------------------------------|
| 2 | – |

