

TESA Data Printer, Portable

Intelligent printer designed for the inspection of finished parts or incoming goods – Provides SPC statistics and prints measurement results with graphical representations.



TESA PRINTER SPC

Can be connected to TESA measuring instruments as well as those provided with a DIGIMATIC output – TESA PRINTER SPC is able to recognise the connected tool and will execute an automatic configuration.



«Normal» «Tolerance»

Statistical features

Lower limit of size (LSL)	–	●
Upper limit of size (USL)	–	●
Tolerance	–	●
Number of captured values:		
– sampling extent	●	●
– < lowest size	–	●
– > highest size	–	●
– out of tolerances in per-cent	–	●
Lowest list value	●	●
Highest list value	●	●
Value dispersion R	●	●
Arithmetical mean \bar{x}	●	●
Standard deviation σ_n, σ_{n-1}	●	●
Process capability C_p, C_{pk}	–	●

Graphical Representations

Position of each single value within the tolerance range (10 classes)	–	●
Histogramme	–	●

Display (luminous LEDs)

Sorting of each single value with green for <i>Good</i> , yellow for <i>Rework</i> red for <i>Reject</i>	–	●
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- Memory capacity: 9999 single values for one feature per sample.
- Two operating modes: «Normal» and «Tolerance».
- Limits of size quickly set on the display of the connected instrument with subsequent transfer to TESA PRINTER SPC.
- Output of statistical values that are further printed with graphical representations.
- Printing of report headings that will be completed by the operator.
- Hardcopies printed in preferred language (English, German, French, Italian or Spanish).
- Self-contained printer unit, battery-powered for use on the fly (optional).



Matrix printer using thermal paper roll



Paper width: 110 mm.
Print mode: 40 signs/line



RS 232 for data inputs (9-pin male, trapezoid connector)

DIGIMATIC

(Ansley connector, 10-pin)
Connector with mini-jack for remote triggering of data transfer



Mains adapter 230 Vac, 7,3 Vdc.
Optional accessory: 6 V battery pack, rechargeable



10°C to 40°C



-10°C to 60°C



IP40 (IEC 60529)



EN 50081-1, EN 50081-2, EN 50082-1, EN 50082-2



180x180x84 mm (W x D x H)



0,55 kg



Shipping packaging



Identification number



Declaration of conformity



No

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06430000

TESA PRINTER SPC

Printer with SPC capability, value classification and memory; prints all results with graphical representations using the matrix printer provided with a 110 mm wide thermal paper roll; RS 232 interface.

Supplied with the following accessories:

04765013 1 Thermal paper roll, 110 mm in width

04761054 1 Adapter 100 to 240 Vac, 50 to 60 Hz, 6,6 Vdc, 750 mA

04761055 1 EU adapter cable EU

Optional accessories

04768035 Battery pack, 6V

04761056 US dapter cable

For ordering information on connection cables etc., see page N-66.

