

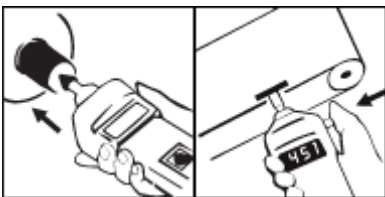
ELECTRONIC TACHOMETER

**** code 1810C_D ****

Hand-held tachometer for contact measurement of revolution of engines or shafts as well as surface speed and length e.g. belts and conveyer belts.
High quality hand-held tachometer with LCD display for professional use

Special Features

- Hand-held tachometer for contact measuring of revolutions, line speeds and length



Contact measurement of revolutions, surface speed and length

- For exact measurements of **revolutions per minute, total revolutions, length and velocity with different metric and English units**
- 16 user selectable measuring units (min⁻¹; rev; m/min; m/h; ft/min; ft/h; yd/min; yd/h; in/min; in/h; mil/h; cm; m; in; ft; yd)



Unit select switch:

Built in selector switch permits the user to display readings in a wide variety of measuring units.

- Tachometer with large, electricity saving LCD display



- Hand-held tachometer with automatic and manual memory (MAX, MIN, last and 10 separate readings) for recall in display
- Rugged aluminium housing with fixing for tripod (1/4-20 UNC thread)
- Optionally available: Inspection Certificate 3.1 according EN 10204 with calibration report

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Standard Features

- Easy to use
- Certificate of Compliance with the order 2.1 according EN 10204 is included

Photo gallery



Available model

Mesdan code	Reference	Applications
1810C	DT-105A	contact measuring - LCD display
1810D	DT-107A	contact measuring - LED display

Standard accessories



Rubber tip

For contact measurement of revolutions (min^{-1})

Funnel

For contact measurement of revolutions (min^{-1})

Rubber measuring wheel

6 inch circumference for measuring line speeds

extension

75 mm long,

Optional accessories

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Grooved wheel

Measuring Wheel (6 inch circumference) with special groove for measuring yarn and wire speeds.

Rubber measuring wheel

With 12 inch circumference for measuring line speeds.

Only for instruments which are delivered with 12 inch wheel. Otherwise the device shows a wrong value.

Calibration Certificate

Calibration certificate with calibration report is optional available.

Calibration report, available as option, code 181.CC1

Delivery includes



Tachometer with batteries, carrying case, 2 rubber tips, 1 funnel, 1 rubber measuring wheel (6 inch circumference), 1 extension 75 mm, Certificate of Compliance with the order 2.1 according EN 10204 free of charge and operating instructions in German and English

Technical Specifications

Measuring range: (floating decimal point)	Revolution: 0.1 - 25000 min ⁻¹ ; 6 - 9999.9 rph Speed: e. g. 0.02 - 3810 m/min; 0.9 - 99999 m/h; 0.6 - 99999 in/min; 0.05 - 12500 ft/min; 3 - 99999 ft/h; 0.02 - 4167 yd/min; 1.0 - 9999 yd/h; 0.0006 - 142.5 mil/h Length: 0.5 - 99999 cm; 0.005 - 99999 m; 0.1 - 9999.9 in; 0.01 - 99999 ft; 0.005 - 9999.9 yd
Accuracy:	Revolution: 0 - 999.9 min ⁻¹ (±0.1 min ⁻¹) ±1 digit 1000 - 9999.9 min ⁻¹ (±1 min ⁻¹) ±1 digit 10000 - 25000 min ⁻¹ (±0.01 % of reading) ±1 digit Speed and length: ±0.4 % of readings ±1 digit
Measuring units:	Revolution: min ⁻¹ (rpm); rph; Total revolutions (counter): rev Speed: m/min; m/h; ft/min; ft/h; yd/min; yd/h; inch/min; in/h; mil/h Length: cm; m; inch; ft; yd
Memory:	13 readings (incl. MIN + MAX + letzter Messwert) for 5 min after last use
Resolution:	Length: 0.00254 m/Impuls (mit 6 inch measuring wheel) revolution: 60 Impulse/revolution

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Display:	5 digit, LCD 12 mm
Display update:	1 s
Over range indicator:	Display is flashing
Auto power off:	After 5 min of non-use
Battery:	2 x 1.5 V Typ AA approx. 65 h continuous use
Low battery indicator:	"LO BAT" flashes at the display
Temperature range:	5 - 45 °C
Air humidity:	85 % RH, max.
Housing material:	Die-cast aluminium
Tripod fixing:	1/4-20 UNC thread
Dimensions (LxWx H):	183 x 63 x 46 mm
Weight, net (gross):	Approx. 350 g (approx. 800 g)
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