Electronic Yarn Speed & Length Meter
** code 298D **

Tachometer with 7 selectable measuring units.
Yarn speed and length meter for filament.
Combined hand-held tachometer for:

- speed and length meter for filament and similar materials.
- hand-held tachometer for contact and non-contact measurement e.g engine shafts.

Special Features
- Combines the function of four seperate instruments in one.
- Speed and length meter.
- Tachometer for contact measuring of revolutions.
- Tachometer for contact measuring of velocity of rotation.
- Tachometer for non-contact measuring of revolutions.
- 2 Slide-in measuring adapters make it simple to convert from contact to non-contact or to speed and length measurement.

Yarn speed and length measuring
with yarn measuring adapter

Measuring of revolutions:
non-contact measuring with reflective tape and contact measuring with adapter.
User-selected units:
Linear Speed: meters/min, feet/min, inches/min
Length: meters, feet, inches
Revolutions: rpm.
Built-in memory for minimum, maximum and last values.

Standard Features
- Easy to use.
- Rugged plastic housing with rubber sheathing for firm and safe handling.
- Easy to read display.

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Yarn measuring adapter with rubber coated measuring wheel and unique "wrapper" roller for speed and length measurement of filaments (max. 0.5 mm Ø) or thin, flexible wires (max. 0.3 mm Ø). This precision roller directs the filament on to the low-inertia, U-grooved measuring wheel to maximize contact and eliminate filament slip and breakage.

Standard accessories

	Rubber Tip For contact measurement of revolutions (min^{-1}) code		**Extension** 100 mm long code
	Funnel For contact measurement of revolutions (min^{-1}) code		**Rubber Measuring Wheel** 10 cm circumference, for measurement of line speed code
	Rubber Measuring Wheel 6 inch circumference, for Measurement of line speed code		**Yarn Measuring Adapter** With rubber measuring wheel code
	Adapter For contact measuring code		**Reflective Tapes** For non-contact measuring Code

Spare parts

	Reflective Tape Set Set with 140 self-adhesiv reflective tapes, (1 Set = 4 x 35 pieces) code

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Delivery includes

Tachometer with carrying case and standard accessories:
2 batteries, 1 yarn measuring adapter with rubber measuring wheel, 1 adapter for contact measuring, 1 rubber tip for contact measuring, 1 funnel, 2 rubber measuring wheels (10 cm, 6 inch circumference), 1 extension, 1 strip of reflective tapes, operating instruction in german and english.

Specifications

Measuring ranges:	**Yarn speed measurement** 0.10 ... 1999 m/min 0.40 ... 6550 feet/min 4.00 ... 78700 inch/min 0.10 ... 33.30 m/sec 0.10 ... 109 ft/sec **Yarn length measurement** 0.00 ... 99999 m 0.00 ... 99999 feet 0.00 ... 99999 inch **Revolution measurement** Non-contact measurement: 1.00 ... 99999 min^{-1} Contact measurement: 0.10 ... 19999 min^{-1}
Accuracy:	±0.2 % of displayed value ±1digit
Measuring units:	**Speed:** m/min, feet/min, inch/min, m/sec, ft/sec **Length:** m, feet, inch **Revolutions:** min^{-1}
Display:	5 digit LCD, 10 mm high - floating decimal point
Measuring system:	**Speed/Length:** Slide-on measuring head with 30 mm diameter measuring wheel and wrapper roller **Non-Contact Tachometer:** Visible LED light beam **Contact Tachometer:** Slide-on measuring head with cone tip and surface speed wheel (10 cm circumference)
Yarn/wire diameter:	Yarn: max 0.5 mm Wire: max 0.3 mm
Memory:	Min, Max, last reading, all retained in memory for the life of batteries
Sensing distance:	600 mm
Display update time:	1 s
Auto Power Off:	After 30 s of non-use
Temperature range:	5 - 45 °C

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Air humidity:	85 % RH, max.
Power supply:	Batteries 2 x 1.5 V Typ AA (approx. 20 h continuous use)
Housing material:	ABS plastic
Dimensions:	145 x 60 x 30 mm (LxWxH)
Weight, net (gross):	Approx. 150 g (700 g)
Specifications subject to change without notice! *Photographs and descriptions of present leaflet have to be considered as purely indicative and not binding.	