

# STROBOSCOPE

**\*\* code 186N \*\***

Small, portable stroboscope for one hand operation with LCD display and rechargeable battery.

Suitable for the control of twisting, knitting and hosiery machines. Measuring range 30 – 12.500 flashes per minute (FPM or rpm). Frequency range 0.5 - 208.3 Hz. Hand held stroboscope for non-contact determination of revolutions, for monitoring moving parts and ascertain the oscillation frequency of running systems. Light intensive stroboscope with 1200 Lux at 20 cm distance from the measured object.



## Standard Features

- Portable, lightweight and rugged construction.
- Designed for one hand use, user-friendly.
- Bright Xenon-Longlife flash tube.

## Accessories (optional)



### Belt clip holster

Leather bag for belt use.

## Spare parts



### Flash Tube (new model)

Tube suitable for stroboscope built in 2008 or later.



### Spare accumulator

Litium ion accumulator, 2-pole connector suitable for stroboscope built in 2008 or later

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## Charger/Mains adapter (new)

with 4 adapters for worldwide use, 100 – 230 V DC for Li-Ion battery



## Calibration report

Calibration certificate with calibration report available as optional.

Calibration report, available as option, code 186.CC1



## Carrying case

Stroboscope 186N with carrying case, manufacturer`s inspection report, battery charger with 4 adapters for worldwide use, jack 3.5 mm plug for trigger signal, operating instructions in several languages.

## Specifications

<b>Flash range:</b>	0.5 – 208.3 Hz = 30 – 12500 FPM (rpm)
<b>Accuracy:</b>	±0.01 % reading ±1 digit
<b>Resolution:</b>	±1 FPM
<b>Light intensity:</b>	Approx. 1200 Lux at a distance of 20 cm, running with 4500 rpm
<b>Flash duration:</b>	< 9 µs
<b>Display:</b>	5-digit LCD, 9 mm high
<b>Flash tube:</b>	Xenon-Longlife (lifetime approx. 200 million flashes), energy of flash max. 170 mJ, Colours 6000...6500K
<b>External trigger input:</b>	0 – 5 V DTL/TTL compatible, Uout = 7.2 V unregulated, Ri = 100 kΩ 3.5 mm 1/8
<b>Tripod fixing:</b>	1/4" 20 internal thread

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<b>Power supply:</b>	Li-Ion-rechargeable battery (2 h continuous, charging time 5 h) and/or AC adapter 100...240 V DC, 50/60 Hz
<b>Temperature range:</b>	0 – 40 °C
<b>Air humidity:</b>	85 % RH, max.
<b>Housing material:</b>	ABS
<b>Dimensions (L x W x H):</b>	240 x 65 x 40 mm
<b>Weight net (gross):</b>	Approx. 420 g (approx. 1300 g)
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