

STROBO LAB

**** code 186H ****

Portable digital stroboscope used where motion sequences have to be analysed or rotation speeds have to be measured. Particularly suitable for the control of ring, spinning frames, twisting, knitting and hosiery machines.



- Flash frequency up to 25.000 flashes/min (rpm).
- High brightness of flash lamp.
- Double power supply: internal rechargeable battery 230 Vac.
- LCD digital reading.
- Automatic control of brightness on two intensity levels.
- Small dimensions, light-weight, user-friendly.
- Rugged, compact, reliable.
- In compliance with CE directives.

Functioning and Applications

Strobo Lab works according to the stroboscopic principle. It makes motion sequences visible which otherwise cannot be observed by the naked eye: by synchronizing the flash frequency to the movement of the observed object and emitting intensive light pulse of short duration, the object is always illuminated at the same point of its movement, so that it appears to the eye as if it were motionless.

Strobo Lab is a portable professional instrument. Light and user-friendly, suitable for laboratories, production and maintenance places. Frequency regulation is quick and precise, adjustable by means of two potentiometers for coarse and fine regulation. Revolution reading RPM is easy thanks to a large LCD display.

Double AC/DC power supply permits to use the instrument also when the AC power supply is not available.

The built-in rechargeable battery allows to use the stroboscope for a long time without need of connection cables, while is always possible to use the instrument with AC power supply, with supplied AC adapter. Battery level indication on display. Brightness of the flash lamp is high, automatically adjustable on two intensity levels. The Strobo Lab, complete with charger, is supplied in a carrying case.

*Photographs and descriptions of the present leaflet have to be considered as purely indicative and not binding.
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Technical features

FREQUENCY RANGE 300 - 25.000 flashes/min (RPM).

FLASH CONTROL by internal oscillator, in two ranges, coarse and fine adjustment.

DISPLAY by means of dot matrix lcd display.

RESOLUTION 1 RPM.

LAMP long life xenon white light tube. Manual control of brightness on two positions.

FLASH ENERGY 10 – 100 mW/flash (depending on frequency range, brightness and power supply).

POWER SUPPLY double AC/DC (by means of supplied AC adapter): 230 Vac + internal rechargeable battery.

Battery life: from 1 to 4 hours about (depending on frequency).

DIMENSIONS 115 x 70 x 195 mm.

WEIGHT 1.5 kg.

SUPPLIED ACCESSORIES charger - carrying case.

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