

Hand-held stroboscope PALM Strobe



- Suitable for continuous operation
- 100 to 12,500 pulses possible
- External triggering possible
- One-handed operation with multifunction button

<https://www.wachendorff-prozesstechnik.de/en/PALM>

Description

The PALM Strobe stroboscope is used for speed and vibration measurement or for observing movement. Thanks to its handy design and low weight, even measurements in hard-to-reach places can be carried out easily. The flash frequency is set using a multifunctional knob and shown on a display. Continuous operation is possible without any problems. The device also has a trigger input and a trigger output, which enables external triggering.

Product details

Display:	Digital, backlit, brilliant 6-digit LCD display.
Operation:	2 buttons on the viewing side and 1 multifunction joystick
Frequency range:	Stroboscope: 100.0 FPM to 12,500 FPM (flashes per minute) 1.66 FPS to 208.33 FPS (flashes per second) Adjustable via multifunction button or external triggering. Tachometer: Speed display with external triggering Range: 10 FPM to 250,000 FPM
Resolution:	±0.1 FPM
Accuracy:	±0.1 FPM or ±0.01% of the displayed value
Multifunction button:	The button works like a small joystick, enabling quick and easy one-handed operation.
Flash duration:	10 µs to 30 µs
Lightning energy:	typ. 150 mJ/flash, 7.9 W at 6,000 FPM
Flash tube:	Pluggable xenon tube (type L-1904), typ. Lifetime 100 million flashes.
Battery:	Internal rechargeable lead-acid battery Battery capacity lasts for approx. 60 min at 1800 FPM Charging time: approx. 6.0 to 8.0 h
Entrance:	External triggering of the stroboscope, TTL signal up to max. 5 VDC.
Output:	Synchronization with other devices, Pulse signal 380 µs, 5 VDC

Supply:	6 VDC, max. 2.5 A via internal, rechargeable lead-acid battery.
Ambient conditions:	0 °C to +40 °C
Dimensions (W x H x D)	81 mm x 77 mm x 237 mm
Housing:	Robust plastic housing
Weight:	approx. 550 g including battery pack.
Manufacturer:	Monarch Instrument , USA.

Products Order no.

PALMS000	Palm-Strobe (with power supply unit)
PALMSKIT	Palm-Strobe Kit (with power supply unit, spare bulb and plastic case)
PALMSKITD	Palm-Strobe Kit Delux (with mains adapter, spare battery, spare bulb, belt pouch and plastic case)
PALMSPAK	Palm-Strobe Pak (with power supply unit, spare battery and belt pouch)

Accessories Order no.

OSEN000	Optical sensor (round) with plug, diffuse, Diameter: M16, Switching distance sn: 0.9 m / ±45°, Scanning frequency: up to 4166 Hz, NPN, 2.4 m cable with 3.5 mm jack plug
L1905000	Replacement flash tube
PALMPX0	Spare battery pack
NOVSNET0	Universal charger for stroboscope/ PALMSTROBE



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