

LED hand-held stroboscope for high revolutions

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The 477 LED hand-held stroboscope measures rotations and vibrations and facilitates measurements during operation. The stationary image enables the inspection and quality assessment of high-frequency moving parts.

- Extremely wide measurement range: Up to 300,000 flashes per minute (fpm)
- Very high light intensity of up to 1500 Lux
- Long operating time due to long battery life of up to 5 h
- Ideal also for robust applications on account of impact protection and protection class IP65
- Trigger input and output enable connection to external systems and control by an external sensor

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477, LED hand-held stroboscope, with case, trigger signal plug, batteries and calibration protocol

Part no. 0563 4770

Accessories Ordering data	Part no.
ISO calibration certificate/rpm, optical and mechanical rpm measuring instruments; cal. points 500; 1000; 3000 rpm	0520 0012
ISO calibration certificate/rpm, optical rpm measuring instruments; calibration points 10; 100; 1000; 10000; 99500 rpm	0520 0022
DKD calibration certificate/rpm, Optical rpm probes, 3 points in instrument measurement range (1 to 99,999 rpm)	0520 0422



Rpm measurement on high-frequency moving parts, for example turbines

Technical data	
Meas. range	30 to 300.000 fpm (Flashes per minute)
Accuracy ± 1 digit	0.02 %
Resolution	± 0.1 (30 to 999 fpm) / ± 1 (1000 to 300.000 fpm)
Dimensions	191 x 82 x 60 mm
Oper. temp.	0 to +45 °C
Weight	Approx. 400 g (with battery)
Flash intensity	1500 Lux at 6000 FPM / 20 cm
Service life	NiMH rechargeable battery: Approx. 11 h at 6000 fpm Batteries: approx. 5 h at 6000 fpm