

testo 477

LED hand-held stroboscope for high revolutions

The testo 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



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

Part no.
0563 4770

Accessories	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
DAkkS calibration certificate/rpm*, Optical rpm probes, 3 points in instrument measurement range (1 to 99,999 rpm)	0520 0422

* Successor organization of the DKD

Technical data		Trigger input	
Protection class	IP65	Principle	Optocoupler
Meas. range	30 to 300.000 fpm	Low level	< 1 V
Display	LCD, multiline	Level	3 to 32 V (square wave voltage), NPN + PNP
Accuracy	0.02 % (± 1 digit)	Pulse duration	50 μ s
Resolution	± 0.1 (30 to 999 fpm) / ± 1 (1000 to 300.000 fpm)	Reverse battery protection	Yes
Flash duration	Can be adjusted	Trigger output	
Flash intensity	1500 Lux at 6000 FPM / 20 cm	Principle	Short-circuit and surge-proof transistor output
Flash colour	Approx. 6500 K	Level	NPN, max. 32 V
Service life	NIMH rechargeable battery: Approx. 11 h at 6000 fpm Batteries: approx. 5 h at 6000 fpm	Pulse duration	Can be adjusted
Dimensions	191 x 82 x 60 mm	Maximum current	50 mA
Weight	Approx. 400 g (with battery)	Reverse battery protection	Yes
Oper. temp.	0 to +45 °C		
Warranty	2 years		