

Hand stroboscope

testo 476 – With especially high-intensity light

High adjustment accuracy and stability thanks to setting wheel with dynamic reaction

High-intensity light thanks to energy-optimized switching electronics and high-performance xenon flash lamp

Memory function (last value is stored when instrument is switched off)

High-performance battery pack for min. 2 hours continuous operation without mains connection over entire frequency range

Trigger input for synchronizing the flash sequence (long-term inspection)

Tripod connection on housing



The high light-intensity hand stroboscope testo 476 is used when it is necessary to make fast-moving objects appear in slow motion. The hand stroboscope Pocket Strobe™ measures and tests rotation and vibration movements. It allows the measurement of very small objects, or in places which are not directly accessible – and it does this without interrupting the production process! The testo 476 is thus optimally suitable for rpm measurements and for the inspection of components moving at high frequencies. The energy-optimized switching electronics and the light-

intensive xenon flash lamp provide a high light intensity (approx. 800 Lux). testo 476 has a memory function which stores the last measurement value when the instrument is switched off. For long-term inspections of measurement objects, a trigger input is available.

The high-performance battery pack allows a continuous operating time of at least 2 hours over the entire frequency range.

Technical data / Accessories

testo 476

testo 476 RPM measuring instrument pocket strobe incl. transport case, charger with 4 country adapters and trigger signal connector

Part no. 0563 4760



Sensor type Xenon

Measuring range	+30 to +12500 rpm
Accuracy ±1 digit	±0.01% of m.v.
Resolution	1 rpm

General technical data

Operating temperature	0 to +40 °C
Dimensions	240 x 65 x 50 mm
Weight	415 g
Display	LCD, 1 line
Display:	5 digit LCD display
Illumination:	800 Lux at distance of approx. 20 cm
Flash energy:	max. 150 mJ
Flash duration:	<20 µs
Light colour:	6000 to 6500 K
Type of operation:	Rechargeable battery
Mains voltage rech. battery:	100 to 240 V, 50/60 Hz
Battery type:	NiMH rech battery pack
Battery charging time:	max. 3.5 h
Total discharge protection:	Yes
Overload protection:	Yes
Trickle charging:	Yes
Connection external trigger:	0 to 5 V DTL/TTL compatible; 3.5 mm / 1/8 Standard plug; Uout=7.2 V unregulated
Housing material:	ABS
Operating time:	1h at 30 to 12,500 rpm and 23°C (typically)
Flash lamp life:	100 mio. flashes

Accessories for measuring instrument

Part no.

Spare xenon flashlamps for hand-held stroboscope, high light intensity	0213 0020	
ISO calibration certificate/rpm optical and mechanical rpm measuring instruments; cal. points 500; 1000; 3000 rpm	0520 0012	

