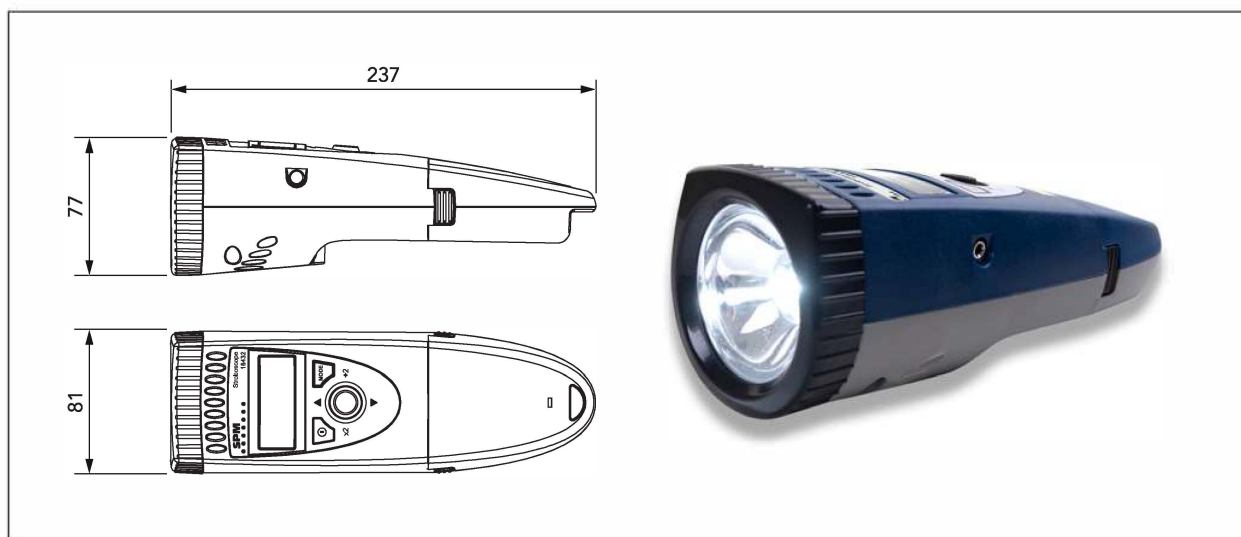


Stroboscope 18432



18432 is a sophisticated stroboscope with many functions, yet remains easy to use. The stroboscope provides excellent brightness, exceptional features, robust construction and extra long battery life. The unique one-touch joystick-type button allows simple operation for fast fractional RPM tuning.

The large, bright, backlit, 6-digit alphanumeric LCD display shows the flash rate and operational mode for internal

tuning, external TTL pulse input, tachometer display and $\times 2 \div 2$ functions. Eight memory positions offers rapid recall of user-defined frequencies.

The stroboscope has a removable, rechargeable battery pack that provides up to two hours of continuous use, depending on the flash rate.

Technical specifications

Internal mode

Flash range: 100 to 12500 fpm
Accuracy: the greater of ± 0.5 fpm or $\pm 0.01\%$ of reading
Resolution: 0.1 fpm
Display update: continuous

External/tachometer mode

Flash range: 5.0 to 12500 fpm - external flash rates to 0 are acceptable
Tachometer: 5 to 250000 rpm - no flash
Accuracy: the greater of ± 0.1 fpm or $\pm 0.01\%$ of reading
Display update: approx. 1 second
External input: 0 to 5 volt TTL compatible (12V pk max), 1 μ sec min pulse width, positive edge triggered

General

Flash lamp life: approx. 100 million flashes
Flash duration: 10 to 30 microseconds
Display: 6 digit alphanumeric backlit LCD
Indicators: low battery, on target indicator, locked on, external mode, tachometer mode, $\div 2 \times 2$
Adjustment: four quadrant pressure sensitive joystick button adjusts flash rate, $\times 2$ and $\div 2$
Battery: removable 6Vdc rechargeable NiMH battery pack
Light power: 150 mJ/flash up to 3000 fpm, 7.9 Watts @ 6000 fpm

Memory: saves eight programmable flash rates and last flash rate at power down
Output pulse: 350 μ sec positive pulse, 5 Vdc typical
Operation time: approx. 120 min @ 1800 fpm and 60 min @ 6000 fpm with fully charged batteries
Recharge time: approx. 4 h
Battery charger: 100 to 240 VAC (50 to 60 Hz), incl. four interchangeable adapters
Weight: 544 g (incl. battery)

Part numbers

18432 Stroboscope incl. battery pack and carrying case
CAB90 Stroboscope cable for Leonova Diamond/Emerald 5 pin - phones 3.5 mm, 1.5 m, spiral

Spare parts

90666 Rechargeable NiMH battery pack
90667 Xenon lamps, 2 pcs

