

Helio Strobe Alpha Type 724



General Description

A general purpose mains powered Stroboscope designed for continuous operation over a very wide frequency range.

The Alpha Stroboscope has several key application features, including very stable digital flash frequency control, internal/external triggering, bench or panel mounting options. And a remote hand lamp unit with tripod or bracket mounting facility.

Key features

- Highly constant brightness
- Internal and external triggering
- Convenient operation
- Mains operation 115 / 230 VAC, switchable
- 60 - 24000 r.p.m.
- Automatic range switching
- Automatic switching between coarse and fine adjustment
- Adjustment memory function
- Separate hand-held lamp
- Clock output for synchronisation
- Designed for permanent operation

Supplied with own carry case

Technical data

Instrument type	HELIO-ALPHA
Power supply	115/230VAC 50/60 Hz
Power consumption	approx. 80 W
Weight	approx. 2.3 kg (control unit) approx. 1.5 kg (hand-held lamp)
Light source	Quartz flash tube plug-in, installed in separate hand-held lamp
Internal control of the flash rate by	Twist knob and digital display
External control of the flash rate by	Oscillator, pos. impulse 5 to 30 V
Frequency range in Hz	-
Frequency range in r.p.m.	60 - 24000 r.p.m.
Measured value display	digital, 5-digit 7-segment display, red character height 13 mm
Display in Hz/r.p.m.	no / yes
Measuring range switching	automatic
Measurement duration	0.33 s (min. 1 period)
Resolution of the display	1 r.p.m.
Phase shifting	no
Display in degrees / ms	-
Range degrees / ms	-
Resolution degrees / ms	-
External triggering	yes Works adjusted to negative flank, positive flank on request
Light output	
Range 1	0.4 Ws
Range 2	0.1 Ws
Range 3	-
Range 4	-
Light intensity at 50 cm distance	max. 650 Lux
Overall power	50 W
Operating temperature	0°... +40°C
Storage temperature	-20° ... +85°C
Air humidity	80% relative air humidity at 30°C

Order Codes	Description
724	Alpha strobe