

## Helio Strobe Beta A3 Type 727



### Key features

- Double output power of other ALPHA & BETA versions
- Highly constant brightness
- Internal and external triggering, mains 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
- Phase shifting
- Clock output for synchronisation
- Dimmer function
- Designed for permanent operation
- Serial interface (option)

### Technical Data

Instrument type	HELIO-BETA A3
Power supply	115/230VAC 50 / 60 Hz
Power consumption	approx. 160 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	1 - 300 Hz
Frequency range in r.p.m.	60 - 18000 r.p.m.
Measured value display	digital, 5-digit, 7-segment display, red, character height 13 mm
Display in Hz/r.p.m.	yes / yes
Measuring range switching	automatic
Measurement duration	0.33 s (min. 1 period)
Resolution of the display	0.01 Hz/1 r.p.m.
Phase shifting	yes •
Display in degrees / ms	yes / yes
Range degrees / ms	0° - 540° / 0 - 65 ms
Resolution degrees / ms	0.1 °/0.01 ms
External triggering	yes Trigger slope freely adjustable with switch
Flash energy	automatic switching with restriction facilities
Overall power	100 W
Operating temperature	0° ... +40°C
Storage temperature	-20° ... +85°C
Air humidity	80% relative air humidity at 30°C

### Supplied with own carry case

Order Codes	Description
727	Beta A3 stroboscope