

LIGHT SOURCE FOR 450 – 1000 W

Xe, Hg

SVX 1000 +LAX 1000 +Options



Power supply

- Current regulation with switched mode technology
- Light, high performance, compact
- Very good stability
- Possibility of light regulation
- High efficiency- low heat

Lamp housing

- Stable construction by means of aluminium sections
- Built-in igniter
- Fan with automatic thermal cut off
- Lamps precisely adjustable during operation
- With optional spherical rear reflector

Specification

Lamp housing LAX 1000

Max. power:	1000 W
Max. lamp length:	280 mm
Lamps and adapters:	groups 3 + 4 + 5 + 8 + 11
Lamp Adjustment:	in 2 planes with micrometer screws
Rear mirror adjustment:	in 3 planes with micrometer screws
Depth of focus:	150 mm -
Min. optic axis height:	165 mm
Built-in igniter:	30 kV HF
Cooling:	by fan with automatic thermal cut-off at housing temperature of < 65 °C
Cooling air flow:	from top to bottom
Exhaust:	via 50 mm Ø output pipe
Dimensions:	170 W x 200 D x 385 H mm ³
Weight:	8.5 kg

also possible to use with power supplies SVX 1450, SH 2/5 (with adapter cable S 6/2 x 11)

Power supply SVX 1000 Xenon (current regulation) SVH 1002 Mercury (power regulation)

Supply:	220 V ± 10%, 50 Hz, 1.3 kVA
Output power:	1000 W
Current:	40-50 A (SVX) Xe
Power:	750-1000W (SVH) Hg
Voltage:	15-25 V (SVX) Xe 10-70 V (SVH) Hg 100 V
Without load:	
Regulation accuracy (Current regulation):	0.5%
Stability after warm up:	0.2%
Line regulation for - 10% mains voltage	0.3 %/c,
Setting potentiometer:	10 turns
Digital readout:	3.5 digits, switch able from current to voltage display
Switches:	illuminated mains switch, illuminated starter indicating ready for ignition of Xe and Hg lamps
Dimensions:	200 W x 170 D x 450 H mm ³
Weight:	10 kg

power lamps in groups 4 or 5 in lamp houses:
LAX 1000 LAX 2000
ELL 1000 V ELL 1000 H

Minimum working system requires:

SVX 1 000+LAX 1 000+Condenser+ Lam p+Ad apter

Options:

LAX 1000

RS	Spherical rear mirror
S2	Second light output
LAX 1000- 11	Condenser with 2 lenses (Spectrosil B)
LAX 1000-4	Base plate (variable height)

SVX 1000

AS	Autostart for arc lamps
LIX	Light regulation
MSP 05	Pulsing unit
MZ4	Igniter, necessary for the use of arc lamps in lamp housings of other suppliers
ES	Extended current range