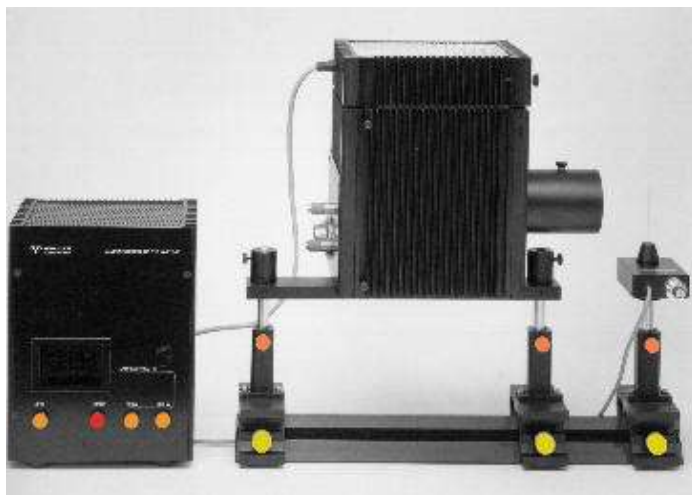


LIGHT SOURCE FOR 150 – 300 W Xe, Hg-Xe, Halogen, Cesiwid

**SVX 1530
+ LAX 1530
+ Options**



Power supply

High performance, compact
Very good stability
Current regulation with switched mode technology
Possibility of light regulation

Lamp housing

Built-in igniter
Lamps adjustable during operation
•Optional ozone remover
• Automatic power switch-over by changing lamps.
No possibility of lamp damage
•Interchangeable base plates
•Optional rear reflector

Specification

Lamp housing LAX 1530

Maxi. lamp power: 300 W
Maxi. lamp length: 150 mm
Lamps and adapters: Group 2 + 7 + HBO 350 W
Adjustment: in two planes with micrometer screws
Rear reflector adjustment: in 3 planes with micrometer screws
Depth of focus: 150 mm - co
Min. optic axis height: 105 mm
Built-in igniter: 20 kV HF
Cooling: up to lamp power of 150 W convection cooling; above 150 W fan attachment LAX 1530-22 or ozone remover LAX 1530-20 necessary
Dimensions: 170 W x 200 D x 200 H mm
Weight: 4,5 kg without fan

Power supply SVX 1530 (Current regulation)

Supply: 220 V + 10%, 50 HZ, 430 VA
Output power: 300 W
Current: 7.5 A fixed for 150 W
8-20 A variable at 300 W

Voltage: 12-25 V
Without load: 110 V
Regulation accuracy: 0.2% (current regulation)
Stability after warm up: 0,5%
Regulation accuracy for $\pm 10\%$ mains voltage swing: 0,2%
Setting potentiometer: 270 Degree (1 rotation for 300 W range)

Digital readout: 3.5 digit, current
Cooling: up to 150 W lamp power: convection cooling; above 150 W fan attachment SVX 1530-1 required

Switches: Illuminated mains switch illuminated starter indicating ready for ignition of the Xe lamps
Dimensions: 200 W x 170 D x 250 H mm
above 150 W: 200 W x 170 D x 300 H mm
Weight: 6.5 kg

Also possible to use with power supplies:
SH 2, SH 2/3, PEM 500

Supplies lamps of group 2 + 9 in lamphouses: LAX 1530, DUO 150, LAX 1450

A minimum working system requires:

up to 150 W range: SVX 1530 + LAX 1530 + condenser + lamp + adapter up to 300 W range: SVX 1530 + SVX 15301 + LAX 1530 + LAX 1530-22 + condenser + lamp + adapter

LAX 1530

RS Spherical rear mirror,
S2 Second light output
LAX 1530-10 Condenser with aspheric lens
LAX 1530-11 Condenser with 2 lenses (Spectrosil B.)
LAX 1530-12 Condenser with 2 achromatic lenses
LAX 1530-20 Ozone remover
LAX 1530-22 Fan
LAX 1530-4 Ease plate (variable height)
Accessory bar, saddle and rod (1 3mm) as shown not included.

SVX 1530

AS Autostart facility for arc lamps
LIX Light regulator (as shown)
VIXIM 450 Modulator (Electronic chopper)
MSP 05 Pulsing unit
MZ 1 Ignition unit necessary for igniting arc lamps in
• lamphouses from other suppliers
• or DUO 150

