

# LAMP HOUSES WITH ELLIPTICAL REFLECTOR: ELL 150, ELL 1000 H/V

## ELL 150



- High light output
- Stable construction using aluminium sections
- Built in igniter
- Lamps adjustment possible in 3 planes during operation
- Very good arc stability due to vertical orientation of the lamp

### For ELL 1000 H and ELL 1000 V

- Ventilator with fan automatic thermal cut-off
- Light output, vertical: ELL 1000 V
- Light output, horizontal: ELL 1000 H

## ELL 1000 H + SVX 1000



Due to their particularly high light collection efficiency (ca. 75%), lamp houses with elliptical reflector are especially suitable for applications, for which the whole emitted spectrum is needed and for which the circular intensity distribution in the second focus of the ellipse is not detrimental, for example irradiation in cells, heat treating...

## Specification

### ELL 150

Max. lamp power:	150 W
Max. lamp length:	150 mm
Lamps and Adapters:	Groups 1 + XBO 150 W/1
Min. height of optic axis:	128 mm
Adjustment:	in 3 planes with micrometer screws
Elliptical reflector:	123 mm Ø, 58 mm depth, Rhodium coated
Focus:	30 mm from outlet collar
Built-in igniter:	25 kV
Dimensions:	170 W, 200 D, 375 H mm <sup>3</sup>
Weight:	8,5 kg

Possible to use with power supplies:

XH 100 (with Adapter X 11 /6)  
SVX 1530 direct  
PEM 500 direct

### ELL 1000H/V

Max lamp power:	1000 W
Max lamp length:	260 mm
Lamps and Adapters:	Groups 3+4+5+8+11
Adjustment:	in 3 planes with micrometer screws
Elliptical reflector:	254 mmØ, 183 mm depth, Rhodium coated
Focus:	-Lamp house ELL 1000H with horizontal light output (uses deflecting mirror) 60 mm from outlet collar -Lamp house ELL 1000 V with vertical light output (straight down): 120mm from bottom plate, distance from table: 80 mm
Built-in igniter:	30 kV HF
Cooling:	by fan with automatic cut-off at less than 65 ~°C lamp house temperature from top to bottom
Cooling air flow:	
Dimensions:	- ELL 1000 H 305 W x 305 D x 640 H mm, -ELL 1000 V 305 W x 300 D x 950 H mm (incl. pedestal)
Weight:	24 kg

Possible to use with power supplies:

SVX 1000 direct  
SVH 1000 direct  
SVX 1450 (with Adapter S 6/2 x 11)  
SH 2/5 (with Adapter S 6/2 x 11)