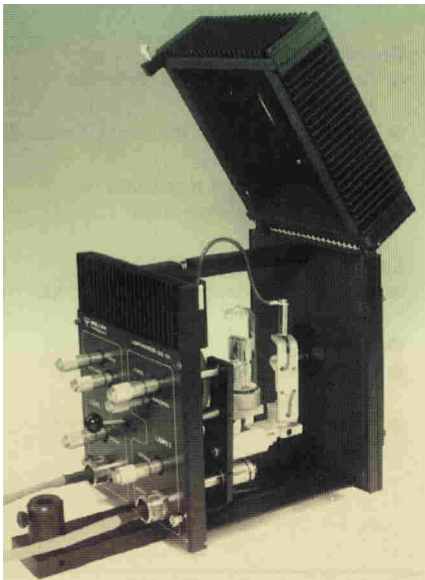


DUAL SOURCE – LAMP HOUSING DUO 150



Specification

Lamp power:	50-150 W (Xenon-, Mercury-, Halogen lamps Cesiwid -glowbar, Deuterium lamp)
Lamps and adapters:	Group 1 and XBO 150, Cesiwid 150, J0240 30W Deuterium lamp
Min. height of optic axis: Optic:	110mm spherical concave mirror UV-treated, 60 mm \varnothing , 68,5 mm focal length
Focus:	75 \pm 20 mm from outlet collar
Adjustment:	from the back by micrometer screws horizontally by \pm 5 mm vertically by \pm 5 mm Focus by \pm 6 mm
Dimensions:	170 W x 200 D x 265 H mm ³
Weight:	7,5 kg

- Wavelength range change by switching position of the back mirror in a matter of seconds (UV-VISIR)
- Optional ozone remover
- Lamps are precisely adjustable in 3 planes from the back, during operation

The lamp housing DUO 150 is intended to house 2 lamps of up to 150 watts power, on the left and on the right side of the optic axis. Depending on the power supply, fitted combinations of Xenon, Mercury - high pressure lamps with quartz Halogen lamps, Cesiwid glow bars or Deuterium lamps can be used.

Each of the lamps has its separate cable and its own adjustment possibility in horizontal and vertical optical planes. Likely the focus adjustment is possible for each lamp independently.

All adjustments are possible during operation from the back. A pivoting spherical concave mirror in the back pad of the lamp housing will collect the light from either lamp and focuses it on the object outside the housing. The aperture ratio of the system is f/3,6... 15

By fitting the correct aperture through the iris diaphragm in front of the lamp house the output can be matched to the aperture ratio of the Monochromators.



possible to use with power supplies:
XH 100 + XHZ 100 (direct)
MD 30 (with lamp adapter DUD)
SVX 1530 + XHZ 100 (with adapter S 6/11)
PEM 500 + XHZ 100 (with adapter S 6/11)

Options:

DUO 150 - 4	Base plate (variable height)
DUO 150 - 20	Ozone remover
DUO 150 - 22	Fan
DUO 150 - ESU	Electrical assistance for switching over the spherical mirror (\pm 5V, 250mA)