



# HP 30 – VUV – KF 40

Power Meter Head especially for VUV region – 157 nm



diameter of the active area	30 mm
sensitivity	80 .. 120 mV/W
max. average power	30 W
max. average power density	20 W/cm <sup>2</sup>
detection threshold	10 mW
connector type	BNC
vacuum connector	KF 40 ND
dimension	diameter 100 mm, length 108 mm (including BNC– and vacuum connector)
read out unit	LEM 2410

permissible power– and energy densities:

laser	power density	energy density
Excimer, 157 nm, $\tau = 10$ ns	30 MW /cm <sup>2</sup>	300 mJ/cm <sup>2</sup>
Excimer, 157 nm, $\tau = 20$ ns	22 MW /cm <sup>2</sup>	440 mJ/cm <sup>2</sup>