



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 ² |
| 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 ² | 300 mJ/cm ² |
| Excimer, 157 nm, $\tau = 20$ ns | 22 MW /cm ² | 440 mJ/cm ² |