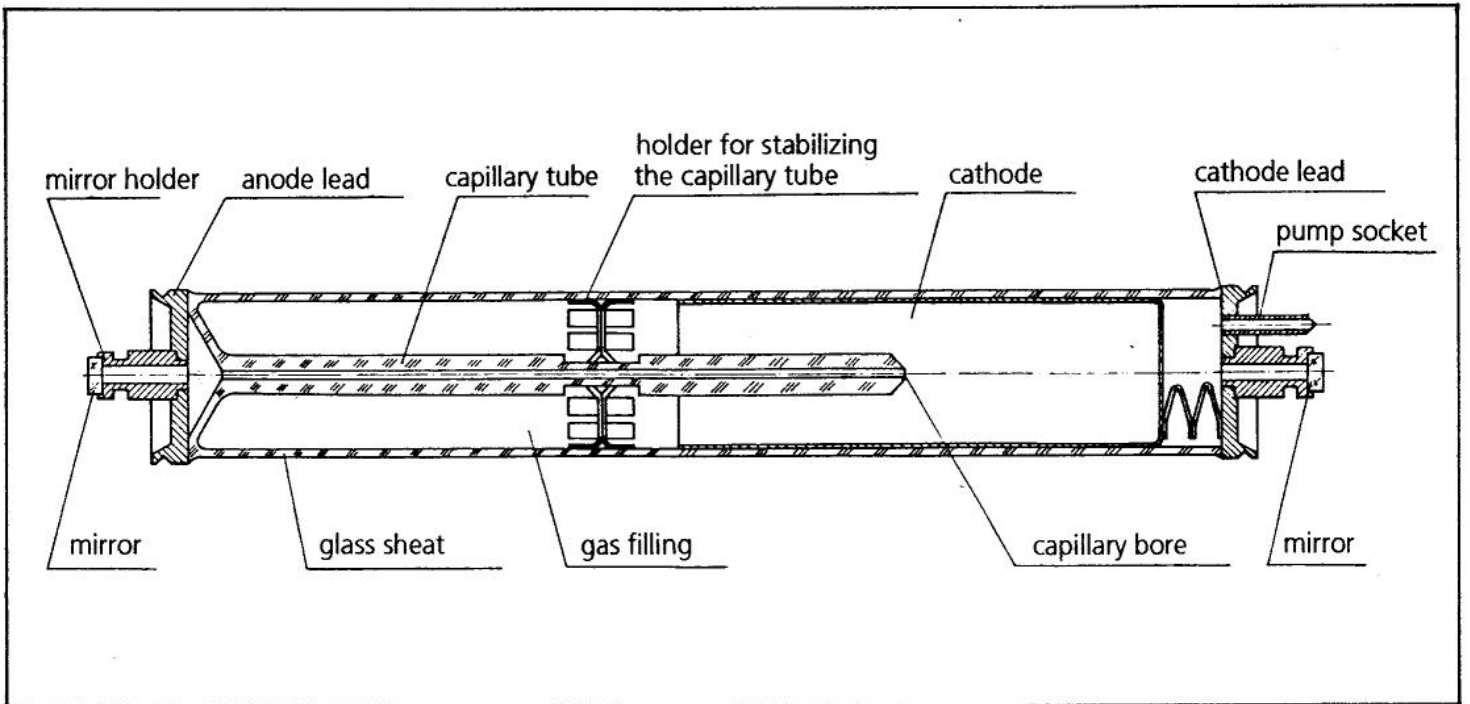


# RHN 25 GM

## Internal Mirror Laser Tube



## Technical Data

---

Output power 632.8 nm TEM <sub>00</sub>	1.0 to 3.0 mW
Power stability ( $\Delta T \pm 1$ K)	$\leq 5$ %
Noise/amplitude fluctuations	$\leq 1.0$ % rms
Polarization	arbitrary
Beam diameter (at $1/e^2$ )	0.5 mm
Divergence (full angle)	1.5 mrad
Longitudinal mode distance	640 MHz
Resonator configuration	symmetrical
Length	246 mm
Diameter	34 mm
Gas discharge voltage	$1350 \pm 100$ V
Gas discharge current	4.5 mA
Ignition voltage	10.0 kV
Run-in period	$\leq 10$ min
Operating temperature range	- 20 to + 40 °C ambient temperature
Storage temperature range	- 40 to + 55 °C
Active life	typical 20,000 h gas discharge
Passive life	> 5 years
Guarantee period	1 year
Special feature	filling gas Ne <sup>20</sup>

## Order List

---

Designation	Order No.
RHN 25 GM	134013:001.27