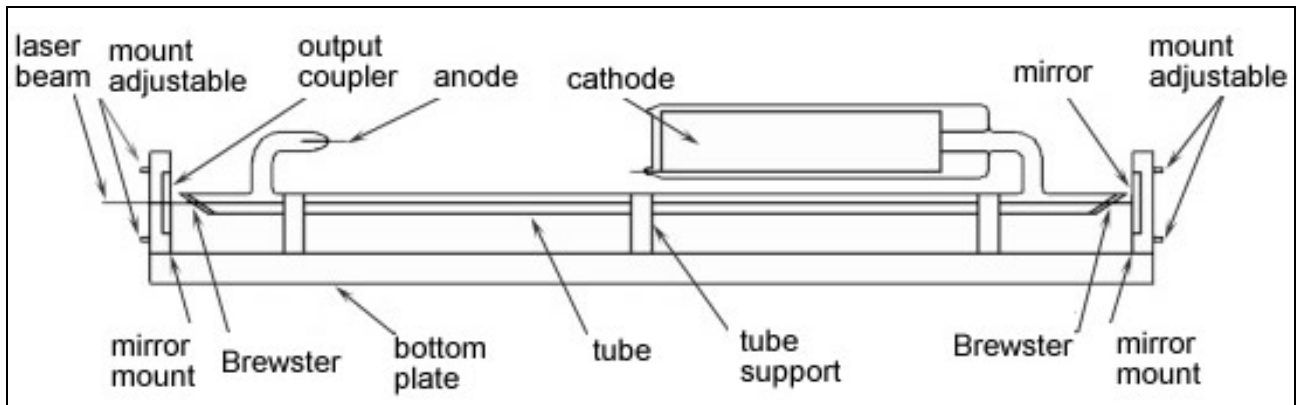
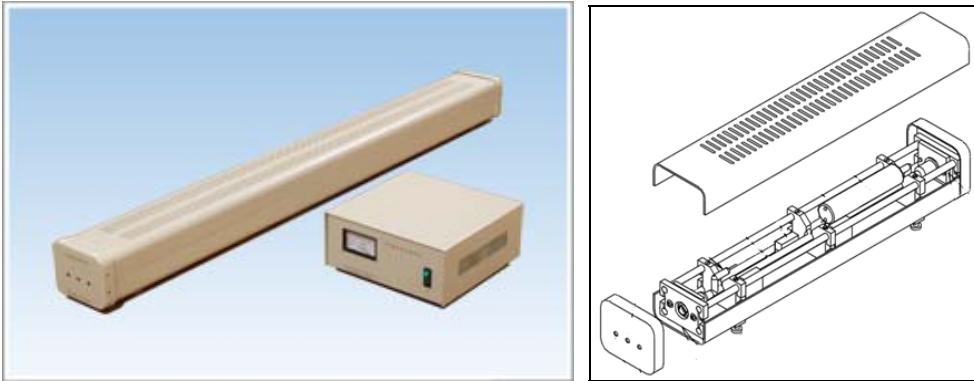


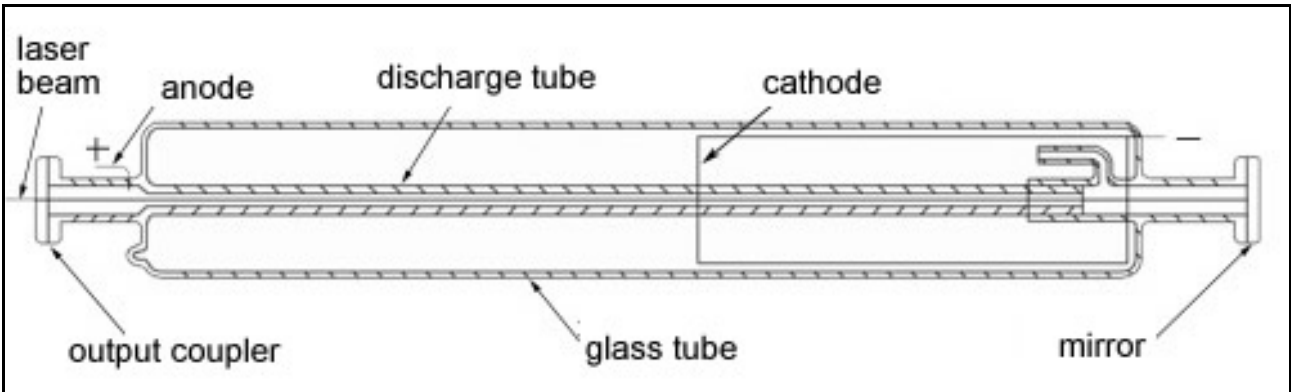


HeNe Lasers

The laser tube is integrated into a metal box and its power supply is individual.

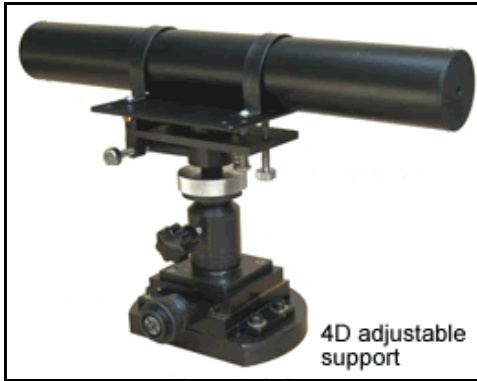


Model	400	500	1000	1500	2000
Laser power	≥8mW	≥15mW	≥40mW	≥60mW	≥90mW
Tube length	400mm	540mm	1000mm	1500mm	2000mm
Beam mode	TEM ₀₀				
Lifetime	≥10000hours				
Longitudinal mode spacing	300MHz	260MHz	130MHz	90MHz	65MHz
Polarisation	1000:1				
Beam diameter	0.7mm	0.7mm	1.1mm	1.6mm	2mm
Beam divergence	≤1mrad	≤1mrad	≤0.7mrad	≤0.7mrad	≤0.5mrad
Output power stability	≤±2.5%/hour				≤±3%/hour
Operation current (mA)	8.5	6-10	10-15		
Input electric power	60W	60W	100W		
Laser head dimension (mm)	560×115×90	700×115×90	1165×115×90	1655×150×95	2185×120×95
Laser head weight	5kg	6kg	9kg	13kg	20kg
Power supply dimension	240mm×240mm×100mm				
Power supply weight	3 kg				



Laser tube and power supply are fully integrated into one box.

model	150A	180A	250A	270A	450A
Laser power	≥0.5mW	≥1mW	≥2mW	≥2mW	≥5mW
Output power stability	≤±5%/hour				
Polarisation	Random			200:1	Random
Beam diameter	≤1mm				
Beam divergence	≤2mrad				
Beam mode	TEM ₀₀				
Dimension	270×85×80 mm				470×85×80mm
Weight	1.4kg				2kg
Input electric power	30W				40W



Laser tube and power supply are individual.

Mode	150B	180B	250B	270B	450B
Laser power	$\geq 0.5\text{mW}$	$\geq 1\text{mW}$	$\geq 2\text{mW}$	$\geq 2\text{mW}$	$\geq 5\text{mW}$
Output power stability	$\leq \pm 5\%/hour$				
Polarisation	Random			200: 1	Random
Beam mode	TEM_{00}				
Beam diameter	$\leq 1\text{mm}$				
Beam divergence	$\leq 2\text{mrad}$				
Tube dimension (mm)	$\Phi 42 \times 220$	$\Phi 42 \times 260$	$\Phi 42 \times 320$	$\Phi 42 \times 335$	$\Phi 42 \times 520$
Tube weight (kg)	0.2	0.22	0.26	0.3	
Power supply dimension (mm)	150×102×45				170×122×45
Power supply weight	0.8kg				1kg
Input electric power	30W				40W