

Model 5400 Gas Laser

Power Output	Nominally 20 milliwatts in TEM ₀₀ diffraction-limited mode. Approximately 50 milliwatts multi-mode.
Output Beam Diameter	4 mm at the 1% intensity points. 1.4 mm at half intensity points.
Output Beam Divergence	0.25 milliradian in TEM ₀₀ mode 1.0 milliradian in multi-mode
Wavelength	6328 angstroms, 1.15 microns, or 3.39 microns. Normally supplied with 6328 angstrom mirrors. Mirrors for infrared lines are readily interchangeable.
Resonator	160-cm optical cavity. Brewster angle windows of highest optical homogeneity terminate the He-Ne plasma tube. Minimum loss multi-layer dielectric mirrors provide optimum laser output.
Excitation	Hot cathode DC discharge.
Physical Configuration	Mounted on specially engineered frame to ensure high stability and ruggedness. Overall length - 6 feet Overall width - 8 inches Overall height - 10 inches (with cover)
Input Power	Hot cathode power and high-voltage DC discharge current supplied by companion power supply. Includes self-protecting thermal relay and circuitry. Primary power 117 volts AC (nominal), 3 amps, 50/60 cps.

For additional information or other specifications call or write:

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