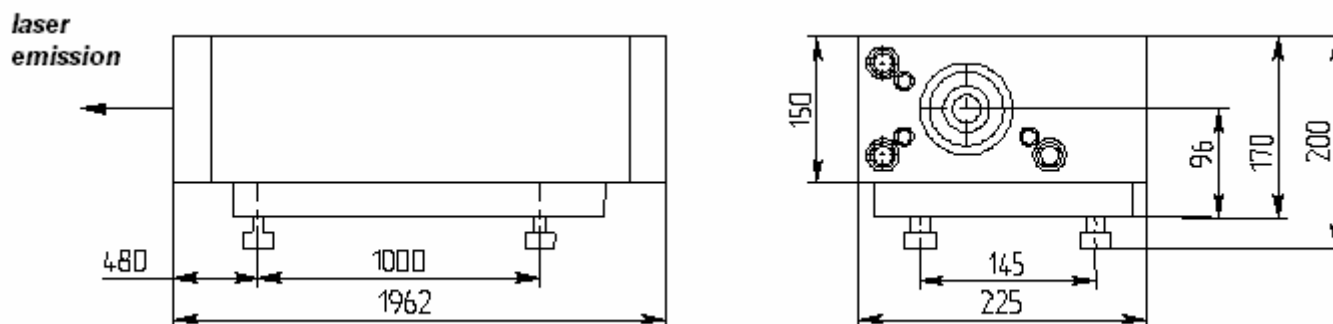


LGN-220, LGN-220SF, LGN-220M LASERS

He-Ne atomic gas lasers of continuous operation mode, intended to be used as a light source with high temporal coherence in image holography devices, for scientific research applications etc.

Parameters	LGN-220	LGN-220SF	LGN-220M
Wavelength, μm	0.63		
Spectral structure	single-mode (TEM ₀₀)	single-frequency	multimode (TEM _{mn})
Output power, mW, not less	70	40	100
Polarization, not less	500:1		
Beam diameter, mm, not more	2.5		
Beam divergence, mrad, not more	1	1	1.5
Relative power instability during 8 hrs of continuous operation, %, not more	5	-	-
Readiness time, min, not more	60		
Power supply	AC 220 (+10%/-15%) V, 50 Hz		
Power consumption, W, not more	350		
Operating temperature range, °C	+10 ... +40		
Ambient temperature variation during continuous operation, °C	±3		
Mean time to failure, h, not less	1000		
Mean life, h, not less	3000		
Dimensions, mm, not more	1965×225×220		
Mass, kg, not more	35		

Dimensional drawing



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