

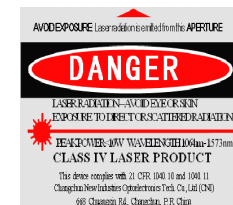
### MDL-III-P-905/1~70mW



#### SPECIFICATIONS

### INFRARED DIODE LASER AT 905nm

Infrared diode laser at 905nm is made features of pulse operation, high peak power, long lifetime, low cost and easy operating, which is widely used in laser distance measurement, etc.

Wavelength (nm)	905±5
Operating mode	Modulation(pulse)
Output power (mW)	1~70
Single pulse energy (μJ)	7 (@10KHz)
Pulse duration (ns)	~36 (@10KHz)
Peak power (W)	~200 (@10KHz)
Rep. rate (Hz)	1~20K
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<16 (@70mW,10KHz)
Beam diameter at the aperture (mm)	~4×5 (@70mW,10KHz)
Beam height from base plate (mm)	24.8
Operating temperature (°C)	15~35
Power supply (220/110VAC)	PSU-III-FDA
Expected lifetime (hours)	10000
Warranty period	1 year



MDL-III-P-905	Dimensions	PSU-III-FDA	Dimensions
 <p>136(L)×73(W)×46.2(H) mm<sup>3</sup>, 0.6kg</p>		 <p>133 (L) × 130(W) × 65 (H) mm<sup>3</sup>, 1.2kg</p>	