

## 810nm Infra Red Single Laser accu Probe



WAVELENGTH	808nm $\pm$ 5nm @ 25 o C
SPECTRAL WIDTH	1.2nm FWHM
SEMI-CONDUCTOR MATERIAL	GaAlAs
CONSTRUCTION	Quantum well Separate Confinement Hetrostructure
AVERAGE POWER	200 mW
1/e2 SPOT SIZE & SHAPE**	0.575 mm, circular
-3dB SPOT SIZE & SHAPE	0.250 mm, circular
1/e2 SPOT SIZE AREA**	0.260 cm <sup>2</sup>
-3dB SPOT SIZE AREA	0.0491cm <sup>2</sup>
1/e2 POWER DENSITY**	W/cm <sup>2</sup>
-3dB POWER DENSITY	W/cm <sup>2</sup>
BEAM DIVERGENCE	60°
NOHD*	64cm
SAFETY SPECTACLES	at 810nm
CLASSIFICATION CLASS	3B LASER
APPLICATION	Analgesia, deep anti-inflammatory & deep tissue repair

\* NOHD - Nominal Ocular Hazard Distance - The distance at which the Laser output is safe to view without safety spectacles i.e. below the MPE.

\*\* 1/e2 The spot size is recommended to be used for dosage calculations