



Features:

Wavelength range: 1030-1080nm

Beam detection range: 32μm~5mm

Maximum power measurement up to 1000W

PC host software

Technical Parameters:

Model	CN0310NIR-W1000-FA10Y
Spectral Range	1030-1080nm, Other wavelength bands customizable
Spot detection range	32μm~5mm@1/e ² (TEM00)
Light entrance direction	Vertical
Minimum power	10mW@50μm
Maximum power	1000W water-cooled continuous operation
Damage Threshold	Max power density at inlet window $\leq 20 \text{ kW/cm}^2$
attenuation	Conventional wavelength band: OD1/OD2/OD3/OD4.5
Work mode	Electric adjustment
Adjustment Range	Stroke: $\pm 15\text{mm}$, repeat accuracy: $\pm 0.005\text{mm}$
Parfocal Distance	175mm, focal equivalent position: product bottom surface
Max. receiving angle	$\pm 1.5^\circ$ @ Central Incidence $\pm 0.1\text{mm}$
Data Interface	USB3.0
Trigger	TTL signal supported, high level pulse width $> 50\mu\text{s}$
Software Configuration	1.Lasescope NX supports beam parameter analysis and statistics complying with ISO 11146 and ISO 13694 standards. It features real-time display and storage of single-beam and multi-beam spot data, as well as TCP port communication and control functions. 2.Lasescope M2 realizes fully automatic measurement of beam quality factor (M^2) in accordance with ISO 11146.
Environment	Temperature $< 15\sim 25^\circ\text{C}$, relative humidity $< 60\%$
Software	Software: Windows 10/11 (64-bit), pre-installed MS Office or WPS Hardware: $\geq 8 \text{ GB RAM}$, CPU $\geq 2.5 \text{ GHz}$, ≥ 4 cores (i5 or equivalent recommended), optimal resolution 1920×1080
Cooling mode	Water cooling: flow rate at 10 L/min, water temperature range 20~25°C, Cooled quantity of 0.5~1 KW, head from 10~25 m
Size	180*130*175mm(Length × Width × Height)
Weight	$< 5\text{Kg}$

CN0310NIR-W1000-FA10Y

