

a. Single box* with 4 fibre coupled laser sources (642nm, 785nm, 1064nm and 1550nm) custom

Wavelengths required	642nm, 785nm, 1064nm and 1550nm
TEC	For each wavelength channel
Controller	For each wavelength channel
Power of 642 nm	Between 12 – 16 mW
Power of 785 nm	Between 15 – 25 mW
Power of 1064 nm	Between 15 – 25 mW
Power of 1550 nm	Between 7 – 12 mW
Connectors	FC/PC or PC/APC
Low noise output	Yes
Simultaneous operation of more than one source	Yes
Remote control (through port, eg USB) of power and temperature.	Yes
Ability to modulate the laser diodes' outputs with an externally generated waveform.	Yes
Display Power Accuracy	±10%
Current Set Point Resolution	0.01 mA
Temperature Adjust Range	20.00 to 30.00 °C
Temperature Set Point Resolution	±0.01 °C

b. Digital power meter (700-1800 nm with Ge detector)

Wavelengths range to be detected	700-1800 nm
Power measurement range	50 nW – 40 mW
Detector	Ge
Aperture diameter	Between 9 -10 mm
Digital display	Yes
Fluorescing alignment disk, around the sensor	Yes

1. Warranty : Standard