Electric and optical specifications:

1) LD driving current (For CW driving only)

Range 1

Range of current:	0 ~ 300 mA.
Resolution:	0.01 mA.
Accuracy:	± 1% of full scale

2) Optical power output measuring

Range 1

Measuring range:	0 ~ 30 mW.
Resolution:	0.002 mW.
Accuracy:	± 5% (at measuring value)
Measuring range:	600 ~ 900 nm.

Range 2

Measuring range:	0 ~ 300 mW.
Resolution:	0.01 mW.
Accuracy:	± 5% (at measuring value)
Measuring range:	600 ~ 900 nm.

- Automatic exchange of optical filter (Approximately 1/10)

3) Forward voltage measuring

LD tracking voltage:	4V.
Measuring voltage:	0 ~ 4V.
Resolution:	0.001V.
Accuracy:	± 1% of full scale.

4) Monitor current measuring

Range 1

Measuring range:	0 ~ 2 mA.
Resolution:	0.1 μA.
Accuracy:	± 1% of full scale

- Measure inverse bias ±20V. or less (Set voltage as desired)

Range 2

Measuring range:	0 ~ 20 mA.
Resolution:	0.01 mA.
Accuracy:	± 1% of full scale

- Measure inverse bias ±20V. or less (Set voltage as desired)

5) Beam expansion angle measuring (Horizontal, vertical)

Measuring range:	-45 ~ +45 degree
Resolution:	0.1 degree
Accuracy:	± 0.2 degree
Dynamic range:	0 ~ 32000
Light detector:	Silicon photo diode (Mechanical method for scanning)
Slit:	0.1 mm. X 3 mm. → かける (カケル)
LD driving method:	DC constant current
Optical wavelength range:	600 ~ 900 nm.
Optical filter change:	Automatic filter change by power range

- As option, APC driving capable

6) Optical wavelength measuring

Wavelength range:	approximately 650 ~ ±20 nm.
Resolution:	0.1 nm.

7) Inverse current measuring

LD inverse current measuring (IrLD)

Applied voltage:	0 ~ 40V.	Minimum unit: 0.02V.
Measuring current:	0 ~ 200 μA.	Minimum unit: 0.1 μA.
Accuracy:	± 1% of full scale.	

LD forward current measuring (IrPD)

Applied voltage:	0 ~ 40V.	Minimum unit: 0.02V.
Measuring current:	0 ~ 20 μA.	Minimum unit: 0.1 nA.
Accuracy:	± 1% of full scale.	

8) Open Short Judging (Each station of I-L, FFPV, FFPH and λ)

Measuring range:	0 ~ ±4V.
Resolution:	0.001V.
Accuracy:	Not required

9) Temperature measuring

Measures environment temperature near I-L measuring section