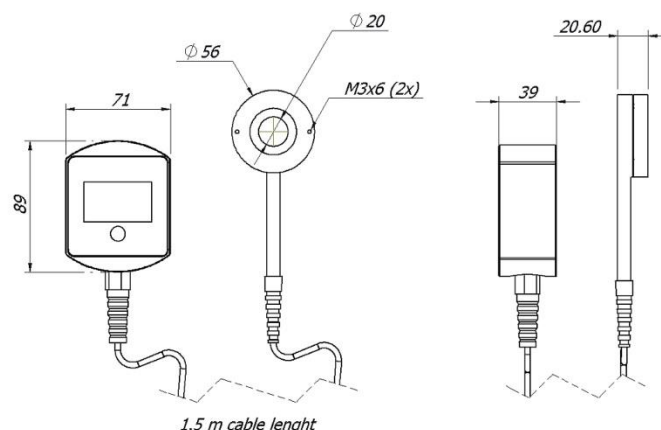


Fit-50



- Features:
- Stand Alone, Portable Unit
- Dual Wavelength Units
- Fully Automatic Instruments



Power Mode

Max. Average Power	50 W
Min. Measurable Power	0.5 W
Min. Meas. Power @3% accuracy	2 W
Power Resolution	10 mW
Time to measure and display:	4 sec
Power Calibration Uncertainty	$\pm 3\%$
Repeatability:	$\pm 1\%$

Absorber Specs

Aperture	20 mm
Type	HPB
Absorber Spectral Range	0.19 - 11 μm
Calibration Spectral Range	0.19 - 2.1 μm , 2.94 μm , 9 - 11 μm
Max Power Density (1)	9 kW/cm ² @40 W
Max Energy Density (1)	5ms pulse width: 36 J/cm ² 10 μs pulse width: 1.2 J/cm ² 10ns pulse width: 0.3 J/cm ²

General Characteristics

Max Allowed Probe Temperature	70
Power Supply	3V (2 AA Batteries)
Battery runtime:	200 hrs
Cooling	Convection
Weight	0.5 kg
Dimension	$\varnothing 56 \times 21$ mm (sensor head) 95 x 71 x 46 mm (electronic)
Cable length	1.2 m

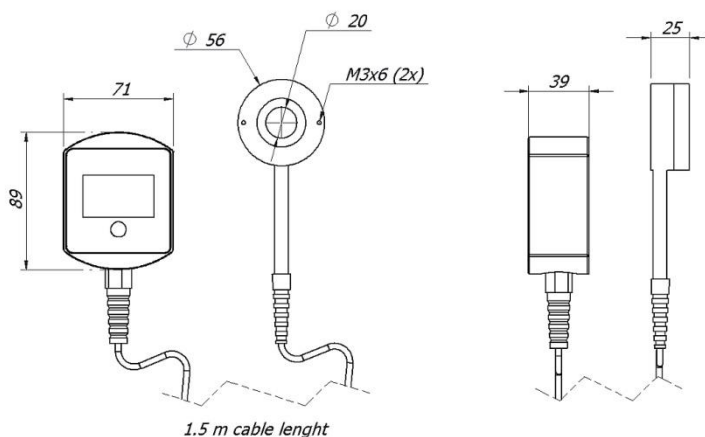
Notes

(1). Damage thresholds also depend on power level. Please see damage graphs for more details.

Fit-200



- Features:
- Stand Alone, Portable Unit
- Dual Wavelength Units
- Fully Automatic Instruments



Power Mode

Max. Average Power	200 W
Min. Measurable Power	2 W
Min. Meas. Power @3% accuracy	8 W
Power Resolution	100 mW
Time to measure and display:	4 sec
Power Calibration Uncertainty	± 3%
Repeatability:	± 1%

Absorber Specs

Aperture	20 mm
Type	HPB
Absorber Spectral Range	0.19 - 11 μm
Calibration Spectral Range	0.19 - 2.1 μm , 2.94 μm , 9 - 11 μm
Max Power Density (1)	6 kW/cm ² @200 W
Max Energy Density (1)	5ms pulse width: 36 J/cm ² 10 μs pulse width: 1.2 J/cm ² 10ns pulse width: 0.3 J/cm ²

General Characteristics

Max Allowed Probe Temperature	70
Power Supply	3V (2 AA Batteries)
Battery runtime:	200 hrs
Cooling	Convection
Weight	0.5 kg
Dimension	Ø 56 x 25 mm (sensor head) 95 x 71 x 46 mm (electronic)
Cable length	1.2 m

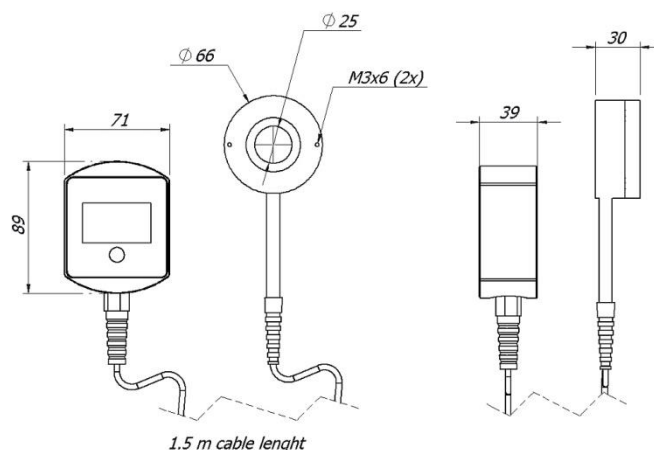
Notes

(1). Damage thresholds also depend on power level. Please see damage graphs for more details.

Fit-500



- Features:
- Stand Alone, Portable Unit
- Dual Wavelength Units
- Fully Automatic Instruments



Power Mode

Max. Average Power	500 W
Min. Measurable Power	5 W
Min. Meas. Power @3% accuracy	20 W
Power Resolution	100 mW
Time to measure and display:	4 sec
Power Calibration Uncertainty	± 3%
Repeatability:	± 1%

Absorber Specs

Aperture	25 mm
Type	HPB
Absorber Spectral Range	0.19 - 11 µm
Calibration Spectral Range	0.19 - 2.1 µm, 2.94µm, 9 - 11 µm
Max Power Density (1)	4 kW/cm² @500 W
Max Energy Density (1)	5ms pulse width: 36 J/cm² 10µs pulse width: 1.2 J/cm² 10ns pulse width: 0.3 J/cm²

General Characteristics

Max Allowed Probe Temperature	70
Power Supply	3V (2 AA Batteries)
Battery runtime:	200 hrs
Cooling	Convection
Weight	0.6 kg
Dimension	Ø 66 x 30 mm (sensor head) 95 x 71 x 46 mm (electronic)
Cable length	1.2 m

Notes

(1). Damage thresholds also depend on power level. Please see damage graphs for more details.