



Calibration Source

SL03



HighFinesse
Laser and Electronic Systems

Laser Head

Nominal output frequency	473.61221 THz \pm 5 MHz
Output power (all SL models)	> 0.8 mW
Beam output	FC/APC-collimator, single mode fiber
Warm-up time	ca. 10 min
Frequency stability (after 1 min / 1 h / 1 d)	$\pm 1 \times 10^{-9}$ / $\pm 2 \times 10^{-9}$ / $\pm 5 \times 10^{-9}$
Operating temperature	+ 15 C° to + 30 C°
Storage temperature	- 20 C° to + 50 C°
Laser head dimensions [Ø × L]	Ø 34.9 x 280 mm
Length, connection cord (laser/power supply)	0.8 m
Weight	450 g
Laser safety class	2M
High Altitude Option	available

Power Supply

Input voltage	100 – 240 V
Line plug availability	Europe, USA/Japan, Australia
Weight	1200 g
Dimensions	172 × 60 × 230 mm

Testing and Certifications

EMC	EN 50081-1	3/93
	EN 50082-2	2/96
Safety	EN 60950	9/94
Certifications	VDE, UL, JETL (others e.g. VDE-ENEC have been applied for)	
CE-symbol in compliance with	EU guidelines 73/23/EEG and 89/336/EEG Unified EN-standards EN 61010-1, EN 60825-1, EN 55011, and 50082-1	



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Options

Optical Isolator (i)

The system can be equipped with an optical faraday isolator to minimize optical feedback and increase the stability of the laser system

Recommended Wavelength Meter

WS7-30, WS7-30 UV-I, WS7-30 IR-I

WS7-60 IR-I

Older models:

WSU30, WSU30 UV-I, WSU30 IR-I

Further Information

For further technical information, application examples, diagrams and for customisation of calibration sources please contact:

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