



Calibration Source

SL02



HighFinesse  
Laser and Electronic Systems

## Laser Head

Nominal output frequency	473.61221 THz $\pm$ 25 MHz
Output power (all SL models)	> 1 mW
Beam output	FC/APC-collimator, single mode fiber
Warm-up time	< 10 min
Frequency stability (after 1 min / 1 h / 1 d)	$\pm 2 \times 10^{-9}$ / $\pm 5 \times 10^{-9}$ / $\pm 1 \times 10^{-8}$
Operating temperature	+ 15 C° to + 30 C°
Storage temperature	- 20 C° to + 50 C°
Laser head dimensions [Ø × L]	Ø 50 x 410 mm
Length, connection cord (laser/power supply)	1.5 m
Weight	900 g
Laser safety class	3R
High Altitude Option	available

## Power Supply

Input voltage	95 – 265 V
Line plug availability	Europe, USA/Japan, Australia
Weight	350 g

## 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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### Recommended Wavelength Meter

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

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WS7-60 IR-I

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Older models:

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WSU30, WSU30 UV-I, WSU30 IR-I

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### Further Information

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

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