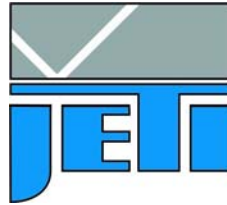


Application Note 4



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Differences between specbos 1201/ 1201 M and specbos 1200

This application note contains a comparison table of the new basic JETI spectroradiometers specbos 1201/ 1201 M related to their predecessor specbos 1200.

Feature	specbos 1201/ 1201 M	specbos 1200 (not available any more!)
Optical resolution (FWHM)	5 nm (1201 M 9 nm)	9 nm
Measuring modi	Luminance, Illuminance (optional : Luminous flux, Luminous intensity) automatic detection of all 4 measuring modes	Luminance, Illuminance (optional : Luminous flux) automatic detection of 2 measuring modes
Target laser (luminance mode)	Better focused shape than of specbos 1200	
Electronics	Additional RAM 2 hall sensors optimised design trigger input/ output	1 hall sensor
Interface	USB (virtual COM port)	USB
Start of measurement	Software button F9 key Trigger input (Firmware)	Software button
Software	<ul style="list-style-type: none"> • PAR calculation • Circadian metrics • Observer 2°/ 10° • Spectrally colored base line in spectrum • better management of measured spectra • storage of screen as file <p><u>In next software version:</u></p> <ul style="list-style-type: none"> • Switching between SI units and fL, fcd • Tracking function • Pass/ fail function 	Has none of these functions
Calibration file	Wavelength steps of 1 nm	Wavelength steps of 5 nm
Firmware	Internal radiometric/ colorimetric calculations	Only raw data calculation

Feature	specbos 1201/ 1201 M	specbos 1200 (not available any more!)
Firmware commands	New intuitive syntax (SCPI conform)	More complicated syntax, only raw data
Driving of instrument	Virtual Instruments (LabView), Radiometric DLL	No direct access to the radiometric data
Dimensions	139 mm x 60 mm x 34 mm, same model of housing as of specbos 1200	118 mm x 60 mm x 34 mm