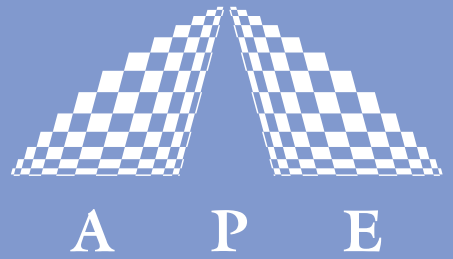


WAVE SCAN



LASER SPECTRUM ANALYZER



The **WaveScan** is an easy to use, high resolution device for spectral analysis of cw and mode-locked laser systems. With its resolution down to 0.2 nm (depending on the wavelength range), it offers greater precision compared to standard compact grating / CCD based spectrometers.

While offering fast measurement capabilities with high resolution, it is also an ideal alignment tool because of its high scan rates. The **WaveScan** is available in different versions covering scan ranges from 250 to 2600 nm.

High resolution

Measurements in the extended IR with high resolution beyond range of Si based detectors

RS-232 interface with supplied Windows software ¹⁾

Fiber input

Compact design

¹⁾ In case of delivery with a **PulseCheck**, no extra **LasScan** software is supplied. The functionality is provided via the **PulseCheck** interface and implemented in the **PulseCheck** Windows software.

Ultrafast Pulse Diagnostics

Wavelength Conversion

Pulse Management

Acoustooptics

Your Partner in Ultrafast

The easy-to-use **LasScan** control software supplied with the **WaveScan** displays and stores the measured spectra on a standard PC with RS232 interface and Microsoft Windows 98 or higher operating system, and gives access to all measuring and calibration features. In case of delivery of the **WaveScan** with a **PulseCheck**, the functionality of the **LasScan** control software is provided by the **PulseCheck** interface, and by the **PulseCheck** Windows software, therefore **LasScan** is not included.

The **WaveScan** comes wavelength calibrated with focussing lens and 40 μm entrance slit. A fibre input is optional.

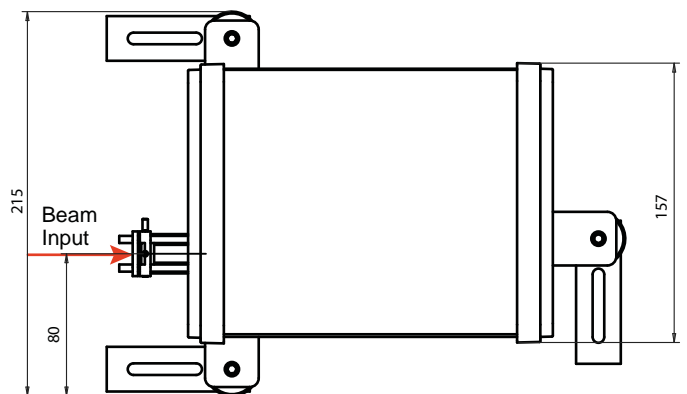
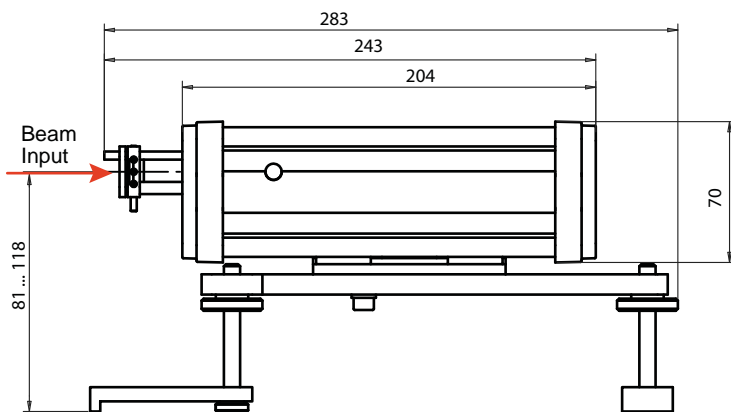
SPECIFICATIONS

Wavelength ranges	500 ... 1100 nm (VIS) 800 ... 1600 nm (IR) 500 ... 1600 nm (VIS/IR) 1000 ... 2600 nm (Extended IR) 350 ... 1100 nm (Blue) 250 ... 1100 nm (UV)
Optical bandpass	< 0.2 nm (< 0.5 nm for Extended IR)
Wavelength accuracy	± 0.2 nm
Scan rate	~ 6 Hz
Laser repetition rate	> 4 MHz
Requires PC computer with RS232 serial port and Windows 98 or higher (USB on request)	

OPTIONS

Fiber input (SMA , FC/PC or FC/APC)
LabView drivers

DIMENSIONS (in mm):



Distributors

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APE follows a policy of continued product improvement. Therefore, specifications are subject to change without notice.