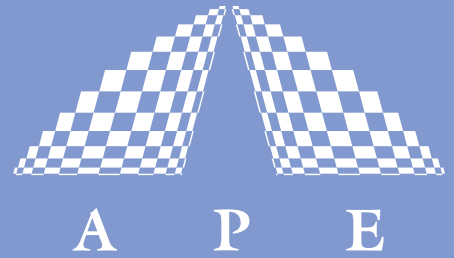


WaveScan



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-array 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

RS-232 interface with supplied Windows software

Fiber input

Compact design

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. LabView instrument drivers are available to support the development of your own measuring software.

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

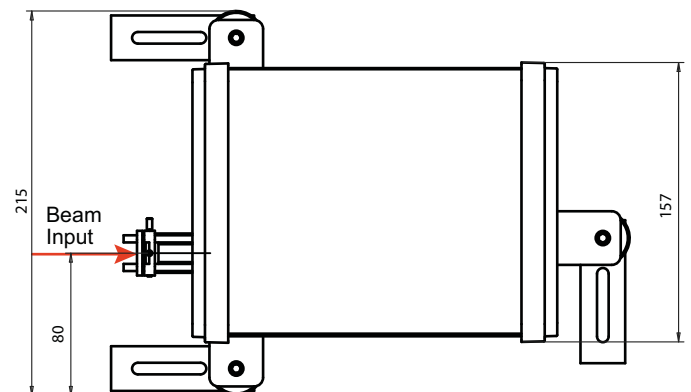
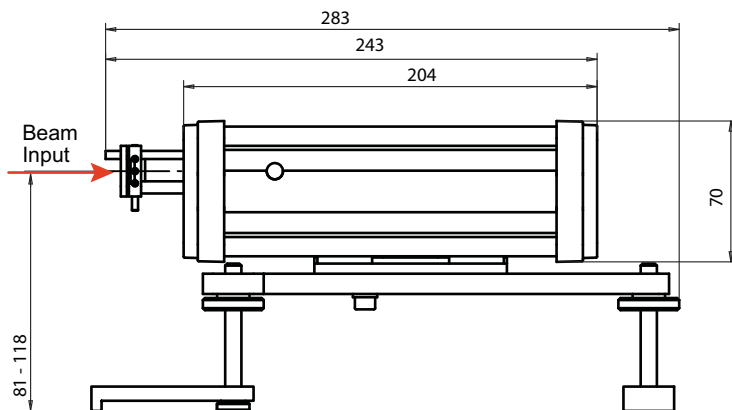
SPECIFICATIONS

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/NT/2000/XP (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.

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