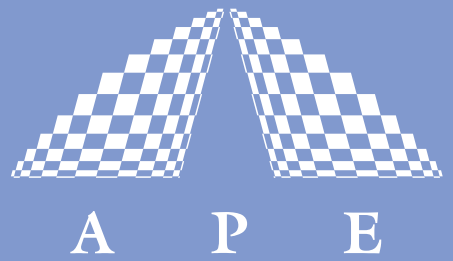


WAVE SCAN



LASER SPECTRUM ANALYZER



WaveScan is a compact and economic solution for analyzing the spectrum of your cw- or modelocked laser system. Offering fast spectrum measurement at high resolution the APE **WaveScan** is easy and comfortable to handle.

The rotating grating technique allows for high scan rates with the use of single photodiode detectors. That way spectrum measurement in the VIS and IR region becomes available at reasonable costs.

Whether you need high scan rates for adjustment or high resolution combined with comfortable measurement control and data processing - **WaveScan** is the solution.

Scanning spectrum analyzer for cw- and modelocked laser sources

Bandpass < 0.2 nm

Different spectral versions available

Compact and rugged design

Control via RS-232 interface with supplied Windows software

Ultrafast Pulse Diagnostics

Wavelength Conversion

Pulse Management

Acoustooptics

Your Partner in Ultrafast

The easy-to-use **LasScan** control software supplied with **WaveScan** displays and stores the measured spectra on a standard PC with RS-232 interface and Microsoft Windows 98/NT/2000/XP 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.

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

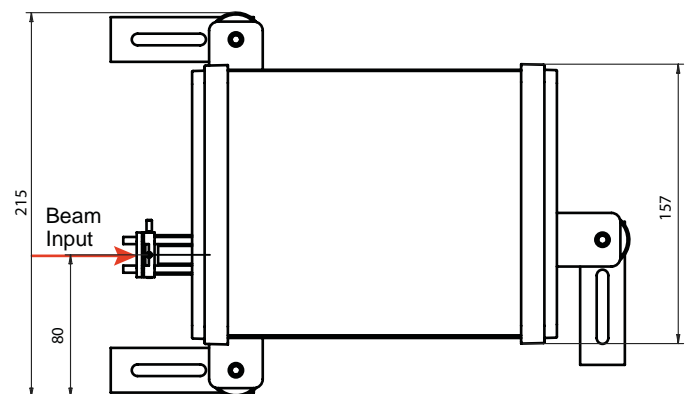
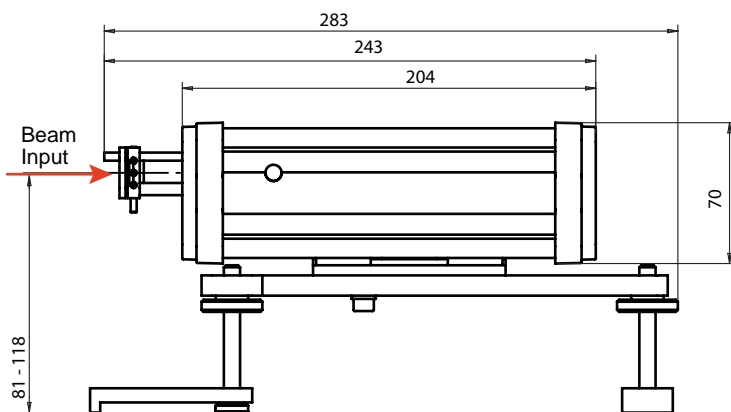
SPECIFICATIONS

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)
Bandpass	< 0.2 nm (< 0.5 nm for Extended IR)
Wavelength accuracy	± 0.2 nm
Dynamic range	12 bit
Scan rate	6 scans/sec
Minimum laser repetition rate	approx. 4 MHz

OPTIONS

- Fibre input (SMA or FC/PC)
- LabView drivers

DIMENSIONS (in mm):



Distributors
see APE website www.ape-berlin.com

APE GmbH Plauener Straße 163-165 Haus N / 13053 Berlin Germany
Phone +49.30.986.01130 Fax +49.30.986.97885 / Web www.ape-berlin.com Email ape@ape-berlin.de

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