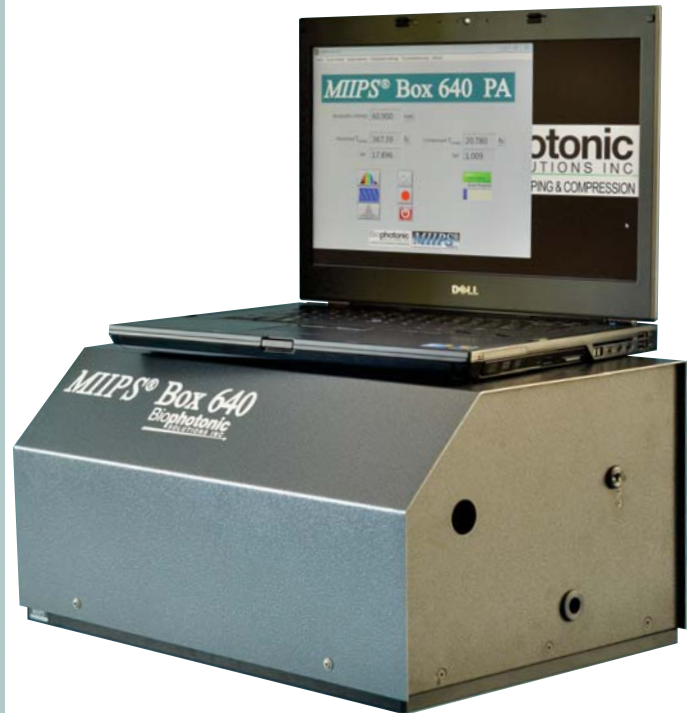


Highest Resolution Pulse Shaper *Available*

- Measures and compresses pulses in seconds
- Uses the MIIPS[®] auto-calibration and auto-compression technology
- Complete pulse shaping solution (includes computer, spectrometer and nonlinear optical detection)
- Finalist of the 2008 Prism Award

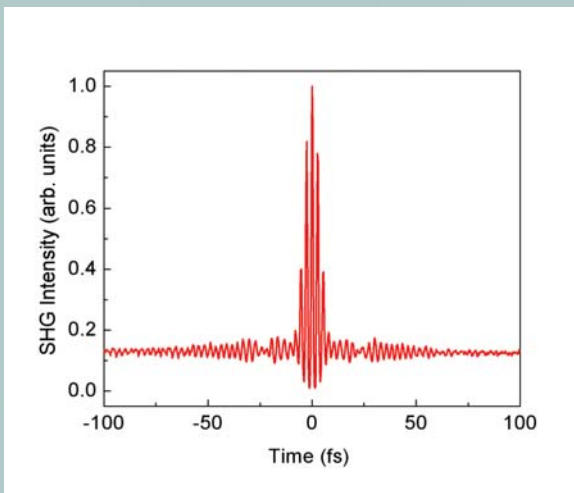


Eliminate Manual Tweaking *With Push-Button Pulse Characterization*

Includes the MIIPS[®] technology:

MIIPS[®] is an automated procedure for measurement and compression of optical pulses. It uses a calibrated pulse shaper to introduce a set of reference phase functions and monitors their effect on spectrally resolved nonlinear response such as second harmonic generation.

Mathematical analysis of the recorded spectra provides a direct measurement of high-order pulse dispersion. The measured spectral phase can be compensated by the pulse shaper to compress the laser pulses to their transform limit at the target, without manual tweaking.



Push-button interferometric autocorrelation

System Specifications

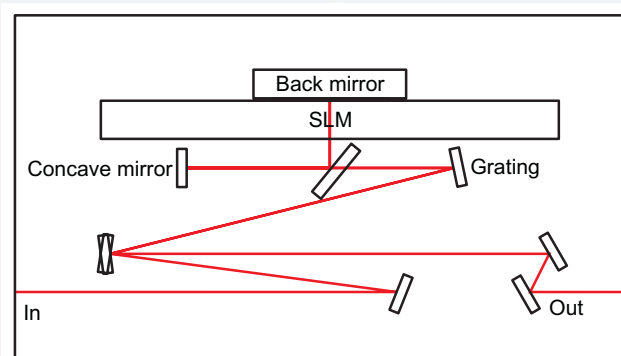
Number of pixels	640
Operating wavelength range	480 - 1700 nm
Maximum spectral window	600 nm
Shaping of spectral phase and amplitude*	independent of repetition rate

*phase only or phase/polarization available

Schematic

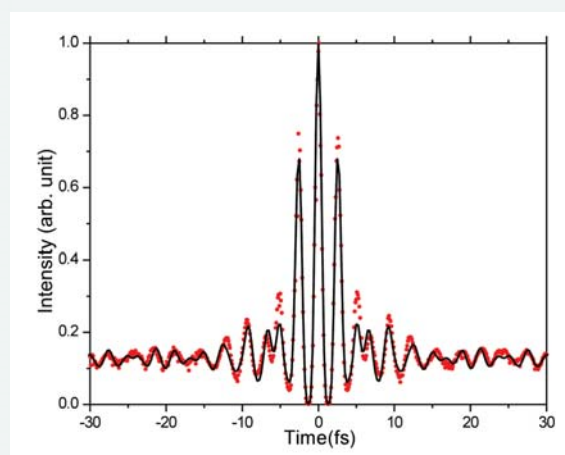
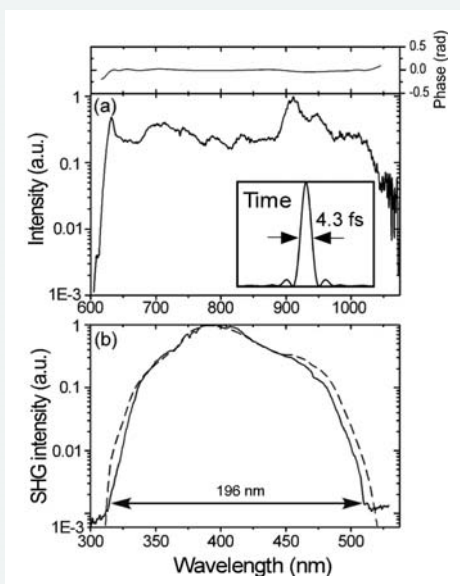
Recommended beam diameter 2-4 mm

Dimensions L x W x H 457 x 304 x 229 mm (18.0 x 12.0 x 9.0 in.)



Biophotonic Solutions continuously follows a strict product improvement and evaluation program. Specifications are subject to change without notice.

Ideal for supercontinuum and ultrafast pulse compression.



Compensated 4.3 fs pulse

JOSA B 25, A140 (2008)