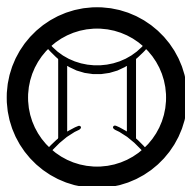


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MiniScan Scanning Autocorrelator

MiniScan autocorrelator is a scanning autocorrelator for monitoring and measuring laser pulse from 10 femtosecond to tens picosecond range. MiniScan autocorrelator with options covers very broad laser wavelength rang from 500nm to 1600nm. MiniScan autocorreltor having high sensitivity is suitable for most laser with repetition rate 100 KHz or higher. The palm-size 16x7x6 (in unit cm) makes it portable and be able to measure a pulse at tight space.



Specification for MiniScan-15P Basic Model:

Pulse width	50fs-15ps
Scanning Time Range	~60ps
Step resolution	1fs depending scanning range
Scanning Rate	5 scans per second
Wavelength	680-1200 nm for basic model
Input beam Polarization	Vertical
Laser repetition rate	100 KHz or higher
Sensitivity	(Peak Power)*(Average Power)= 10^{-5} W^2
Signal Dynamical Range	$>10^7$
Short pulse option	Options for 10-200fs or 20-200fs
UV option	Option expands wavelength to 500-650 nm
UV-2 Option	Option expands wavelength to 600-680 nm
IR Option	expands wavelength for 1200-1600 nm
Other wavelength option	Ask options for 420nm550, 266nm
SHG crystal for basic model	5x5x0.5 (in mm)
SHG crystal for long pulse option	5x5x2 (in mm) suggestion
Digit Scope option	USB Digit interface for computer monitor pulse width
Power supply	100-220V 50-60Hz plug with 5V DC
Physical dimension	LxWxH: 160x70x68 (in mm)

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