



**FEMTOCHROME®
RESEARCH, INC.**

FR-103WS RAPID SCANNING AUTO/CROSSCORRELATOR



Specifications

- Sensitivity $(P_{av}P_{pk})_{min} : 10^{-6} W^2$
- Resolution: <3 fs
- Wavelength Range: 410-3000nm
- Free Space/Fiber Coupled
- Scan Range: > 400ps
- Interferometric/Noncollinear
- Crosscorrelation Option
- Computer Data Acquisition Option
- Any rep rate > 5 Hz

The FR-103WS is a Non-Linear Crystal Autocorrelator offering an ultra wide scan range >400ps. It is capable of resolving both fs pulses and ps pulses up to 200ps. It is particularly suitable for long pulsed, low rep rate amplified lasers.

It can be operated with any pulse repetition rate > 5Hz (with /CDA).

The FR-103WS can be ordered with the Computer Data Acquisition (/CDA) option, providing for the display and analysis of traces with a PC.