

SYNCHROLOCK

Ultralow jitter amplifier stabilizer

Designed to allow any femtosecond amplified laser to be perfectly synchronized down to the femtosecond level to a low-noise radiofrequency or optical reference.

Maestro allows to measure the timing jitter of the amplified pulses, as well as the time of arrival. This measurement is used to compensate for eventual long-term drift, offering a highly stable femtosecond system to ensure successful data acquisition for long-term experiments, or stable operation of secondary sources such as FELs, ICS or OPA based sources.



Applications

Industry:

- > Micromachining
- > Microelectronics

Medical:

- > Medical Device Manufacturing

Key Features

- > High precision measurement
- > Amplifier drift compensation
- > Versatile architecture
- > Multiple synchronized lasers capability

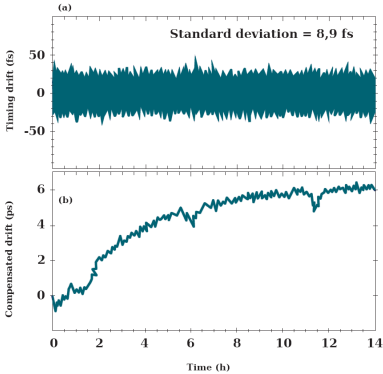
Specifications

Synchrolock

Resolution	250 as from 10 Hz to 10 kHz
Timing Jitter	< 10 fs rms over 12 h

Utilities

Dimensions	3U 19" rack
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Légende ici à insérer.

Compatibility



Satsuma



Tangor

