MACH 6

200 kHz module for M6 heads.

PRODUCT FAMILY KEY FEATURES

UP TO 200 KHZ PULSE-TO-PULSE

Measure every pulse, with no sampling, at high rep rates, up to 200 kHz

CAPTURE AND STORE UP TO 4 MILLION PULSES

Store 40 seconds of data at 100 kHz

TRACK MISSING PULSES AND PULSES BELOW THRESHOLD

Know how many pulses were missed or that didn't make the energy threshold with this unique pulse feature

SEVERAL HEADS TO CHOOSE FROM

Silicon, InGaAs and pyroelectric heads for a broad wavelength and energy range

ANALOG MODULE AVAILABLE

Use our fast M6 detectors with the APM and an oscilloscope for fast analog energy measurements

FULL-SPEED USB 2.0 CONNECTION

Ensures high data rate transfer and fast operation

USER-FRIENDLY SOFTWARE WITH MANY DIAGNOSTIC FEATURES

- Live mode, strip chart, histogram and statistics displays
- FFT display of pulse energy data for temporal diagnostics
- Life test mode to automate laser testing

SPECIFICATIONS

CONTROLLER AND GUI SPECIFICATIONS

Digital display size	Computer screen
Analog output	0-3 V, BNC
External trigger	None

POWER METER SPECIFICATIONS

ENERGY METER SPECIFICATIONS

Digital resolution	Current Scale/2000
Device accuracy	±1 %
Software trigger level	2 to 20 %, 1 % resolution
Repetition rate	200 000 Hz

PHYSICAL CHARACTERISTICS

Weight	0.424 kg

ORDERING INFORMATION

Mach 6	202090

Specifications are subject to change without notice. Refer to the user manual for complete specifications.

INTERESTED IN THIS PRODUCT?

GET A QUOTE