

PRESENTATION

OVERVIEW OF THE DIFFERENT PRODUCTS

Gentec Electro-Optics specializes in the measurement of laser radiation, in all its forms. This is why we have developed very specialized products over the years, that were first aimed at customized applications, but that became standard products as the demand grew stronger.



MACH 6



ULTRAFAST JOULEMETER

- High Speed Digital Joulemeter: Measures EVERY PULSE up to 200 kHz
- Capture and Store up to 4 Million Pulses at the Maximum Repetition Rate
- Track Missing Pulses and Pulses below Threshold
- Wide Energy Range: Measure from pJ to mJ
- Spectral Range from 0.35 to 2.5 μm
- Sensors include Si, InGaAs and Pyroelectric
- Easy USB 2.0 Connection
- Includes Powerful LabView Software with Diagnostic Features

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■ THE FASTEST ENERGY METER ON THE MARKET:
MEASURE EVERY PULSE UP TO 200 kHz

DISCRETE PYROS

- T05/T08 Discrete or Hybrid Pyroelectric Detectors
- Available in 4 Sizes: 2, 3, 5 and 9 mm \varnothing Apertures
- 4 Families of products to choose from
- Test Box Available for Hybrid Detectors

■ DISCRETE OR HYBRID PYROS
■ SMALL T05/T08 PACKAGES

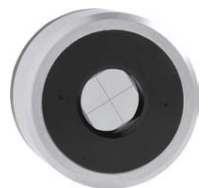
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QS SERIES

POSITION SENSING DETECTORS

- Position Sensing QUADrant Pyroelectric Detectors
- Available for both Power (QUAD-P) and Energy (QUAD-E) Measurements
- Measure, Track and Align your Beam in Real Time
- For Wavelengths from UV to IR and even THz
- Large Apertures up to 20 x 20 mm



QUAD

■ POSITION SENSING QUADRANT DETECTORS

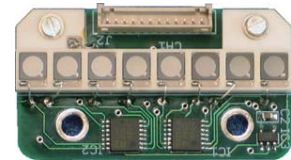
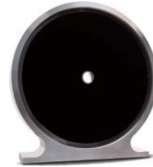
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PRESENTATION

CUSTOM PRODUCTS

After 45 years of experience in the Laser Beam Measurement business, we have developed many customized solutions, sometimes for very unusual applications! This section is only a small portion of the projects we have accomplished for our customers, so do not hesitate to contact us with any special need you may have. We are always striving to find the perfect solution for your application!

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CALORIMETERS

A Gentec-EO calorimeter is the only reliable solution available for the largest and highest energy laser beams. Through cooperation with several leading research facilities around the world, Gentec-EO has become the expert in manufacturing, calibrating and servicing calorimeters for use in high energy inertial confinement fusion calorimetric measurement.

■ EXTRA LARGE APERTURES UP TO 16 000 JOULES/PULSE

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**PHOTO
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