

[See all 4 Products in Family](#)

BBO Crystal, 100um Thick, 40fs - 20ps



Stock #72-888 **1 In Stock**

1 C\$2,002⁰⁰

ADD TO CART

Volume Pricing

| | |
|------------|-------------------------------|
| Qty 1-2 | C\$2,002.00 each |
| Qty 3+ | C\$1,799.00 each |
| Need More? | Request Quote |

Product Downloads

Physical & Mechanical Properties

Thickness (µm):

100

Regulatory Compliance

Certificate of Conformance:

[View](#)

Product Details

- Compatible with Ultrafast Pulses Ranging from 12fs to 20ps
- User Swappable SHG Crystal with No Realignment Required
- VideoFROGScan Software Provides Real-Time Measurements

Mesa Photonics FROGScan Ultrafast Pulse Measurement System combines high accuracy, high dynamic range, and real-time pulse measurement in an easy-to-use package, making it ideal for ultrafast pulse characterization, dispersion compensation calculation, and pulse distortion diagnosis. By swapping the internal SHG crystal, the user can tune the system to meet their application needs across 12fs to 20ps pulse widths. The crystal is kinematically mounted in the system and the included VideoFROGScan control software reads the crystal specifications to remove the need for realignment after swapping. Mesa Photonics FROGScan Ultrafast Pulse Measurement System is designed to integrate seamlessly into existing experimental setups with a small 33cm x 22cm x 22cm footprint, USB interface, and an easy to align optical platform. The system's high speed, 16-bit data acquisition system ensures minimal distortion at high pulse repetition rates.

;