

## Devices for measuring pulses in **UV, Visible, or far IR range**

### Custom Pulse-measurement Devices

**If your pulse is unusual, and Advanced Femto Technology doesn't offer a standard FROG to do it, that doesn't mean it can't be done!**

Frequency-Resolved Optical Gating (FROG) is the first technique ever to accurately measure the intensity and phase of ultrashort light pulses. FROGs have been used to measure ultrashort pulses in the **IR, visible, UV**, and, recently, x-ray regions of the spectrum. It has measured pulses as short as attoseconds and as long as many picoseconds. FROG can also measure complex pulses such as **continuum pulses**.

- 1) Your pulse is in the **Visible** or **UV** range.
- 2) Your pulse is **very long**.
- 3) Your pulse is **very short**.
- 4) Your pulse is **complicated**.
- 5) The pulse energy is **very low**.

Advanced Femto Technology will be happy to help you and design a custom pulse-measurement device for your applications. Please let us know about your pulse. We will try to provide a solution.