

SUNLITE EX OPO

When your Sunlite EX system arrives, contact Continuum immediately if there is damage to the crates or boxes. If no damage is evident, unpack and move the laser system to your lab, consulting the Installation section of your laser manual for details. After unpacking, again check for visible damage and call Continuum to schedule your installation.

Continuum asks that you have the equipment and materials listed below available during installation. These items will also be useful for operating and maintaining your system later. Please contact us in the Service Department of our Santa Clara office if you cannot provide all of them.

- Laser safety glasses
- Methanol, 1 liter each, spectroscopic grade or better
- Distilled water, 3 gallons (12 liters)
- Tap water source with drain; temperature 60-70°F, 2 gallons/minute flow, pressure between 40 and 60 psi differential, and 1/2 inch fittings for tap and drain
- 208-220 V three phase power, 20 amp service, and a plug to fit your outlet
- 110 V 15 amp service
- IR phosphor card
- Kentek Zap It Burn Paper
- 350 MHz oscilloscope (Tektronix model 2467 or equivalent), or 5 GHz digital oscilloscope
- Photodiode with >1 ns response time (e.g. Electrooptics Technology ET2000)
- Power meter with calibrated spectral response between 350 nm and 1700 nm
- Etalon(s) with finesse 30 over your desired working range(s) and 10 GHz free spectral range
- Data acquisition equipment to record linewidths, or a pulsed spectrum analyzer (e.g. Burleigh PLSA 3500)
- Optical table, at least 4'x8' (1.2x2.4 meters), tapped 1/4"-20 at 2" centers
- Mini Mag Lite and Inspection mirror (dental type)
- Lens Tissue paper
- Hemostats

If you have any questions or would like additional information, please don't hesitate to call our Technical Support Dept @ (877)272-7783.
