



USB Light Source

Emission Line Source for Intelligent Spectrograph Calibration

FEATURES	BENEFITS
Dual emission lamps	<ul style="list-style-type: none"> • Switch between Hg source (for UV-visible calibration) and Ne-Ar source (for visible-NIR calibration) • Produces standard reference wavelengths as found in NIST tables
Designed to work with IntelliCal™ software	<ul style="list-style-type: none"> • Optional calibration routine for 64-bit LightField™ software from Princeton Instruments • Provides up to 10X better accuracy than standard calibration routines • Works with conventional calibration methods as well
Powered by USB	<ul style="list-style-type: none"> • No separate power supply required • Plugs into computer or USB hub connector on Acton Series spectrometers
Easy mounting	<ul style="list-style-type: none"> • Through holes for mounting to entrance slit of Acton Series spectrometers
70 kHz operation	<ul style="list-style-type: none"> • Ensures that each frame records the same intensity, unlike conventional 120 Hz AC sources
On-Off rocker switch	<ul style="list-style-type: none"> • Prolongs lamp life
Neutral density filter available	<ul style="list-style-type: none"> • Reduces power of strong emission lines to prevent detector saturation

Applications:

Raman, LIBS, Transmission, Reflectance,
Absorption, Tunable Light Source