

AST/ASTN 系列波长可调光源

品牌： spectral products

型号： AST/ASTN

AST/ASTN 波长可调型光源

尖丰光电代理美国 Spectral products 的波长可调型光源 ,是集成我们优良的各种光源和单色仪 (CM110 1/8m 单色仪和 DK240、DK480 1/4m 单色仪), 其重要功能是里用单色仪的分光性能与款光谱范围的氘灯, 卤钨灯, 氙灯结合起来, 得到我们需要的单色光或者某一波段的光。可光纤耦合输出, 也可自由空间准直输出, 可以灵活使用。

特点：

- 从 UV (200nm) 到经红外 (2200nm) 灵活自由选择
- RS232 (USB) 连接线与电脑连接
- 可在纳米, 埃, 微米, 波数等级别扫描输出
- 可耦合至光纤输出
- 模块化设计, 可自由组合
- 功率可调选项
- 可自由组合到 Spectral products 各种产品中
 - Variable narrowband light output selection from UV (200nm) to Near IR (2.2μm)
 - Computer controlled via standard RS232 interface
 - Scans in both directions and in nanometers, Angstroms, microns, wave-numbers, or eV
 - May be configured for optimal fiber optic illumination

- Modular design allows for reconfiguring



- Attenuation control
- Couples to Spectral Products equipment

Simple, Flexible

Spectral Products has a tunable light source to meet your needs. Each model is based on our popular CM110 dual grating, 1/8-meter monochromator, paired with one of Spectral Products' broad band light sources. When purchased together as a tunable



light source, you get pre-adjusted coupling and the best-matched grating(s) preloaded. Depending on the requirements for better resolution/accuracy, other DK240 or DK480 monochromator can be coupled.

Models:

- **AST-XE series:** [ASB-XE-175](#), 175W Xenon light source based model
- **AST-W030/ASTN-W series:** ASB-W030, 30W tungsten-halogen or ASBN-W high power tungsten-



halogen light source based model.

- **ASTN-D series:** ASBN-D130/ASBN-D230, 30W single or dual deuterium light source based model.
- **ASTN-Dx-W series:** ASBN-Dx-W series, single or dual deuterium + high power tungsten-halogen hybrid light source based model.

Band-pass region and width is controlled by selection of monochromator slit size and gratings.

Feature	Description	
Monochromator	Model: CM110 f/#: 3.9 Grating: Two gratings can be installed Interface: RS232 standard	
Light Source	AST-XE-175EX: UV/NIR extended 175W Xe, ~200-2200nm (dominant for 250-1100nm) AST-XE-175BFEX: NIR extended 175W Xe, ~320-220nm (dominant for 350-1100nm), Ozone free AST-XE-175BF: visible 175W Xe, ~320-750nm, Ozone free	Order sorting filter holder: AB202 included.
	AST-W-030: 30W tungsten-halogen model ASTN-W-XXX-L/H: "XXX" W tungsten-halogen (Low or High color temperature) model. Please refer to the ASTN-W series page for the detailed information.	Order sorting filter holder: AB202 (sold separately).
	ASTN-D130: single 30W deep UV Deuterium model, ~180-600nm (dominant for 200-400nm) ASTN-D230: dual 30W deep UV Deuterium model, ~180-600nm (dominant for 200-400nm)	Order sorting filter holder: AB202 included.
	ASTN-Dx-Wyyy-L/H: single or dual D2 + "yyy" W tungsten-halogen (Low or High color temperature) model. Please refer to the ASBN-Dx-W series for the detailed information.	Order sorting filter holder: AB202 included.
Accessories & Options	Order sorting filter: AB3xxx series (sold separately). Fiber coupling output: AFCM-L-XX, XX: SM-SMA, FC-FC, CS-Ferrule. Sold separately.	