



Grating Spectrometer
ATP7330

Model	Description
ATP7330-FL210	Rotating grating 3 pcs of DTG -30°C/-70°C 180-2500nm Max.res. 0.01nm
ATP7330-FL350	Rotating grating 3 pcs of DTG -30°C/-70°C 180-2500nm Max.res. 0.01nm
ATP7330-FL510	Rotating grating 3 pcs of DTG -30°C/-70°C 180-2500nm Max.res. 0.01nm
ATP7330-FL810	Rotating grating 3 pcs of DTG -70°C -30°C/-70°C 180-2500nm Max.res. 0.01nm



Imaging Grating Spectrometer
ATP7380

Model	Description
ATP7380-FL210	Focal length 210 Max. res. 0.14 nm
ATP7380-FL350	Focal length 350 Max. res. 0.07 nm
ATP7380-FL510	Focal length 510 Max. res. 0.05 nm



Concave Grating Spectrometer
ATP7500

Model	Description
ATP7500-26	0.8~2.6μm Max. res. 1.0nm speed at 3.0s cooling to -30°C
ATP7500-36	0.8~3.6μm Max. res. 2.0nm speed at 4.3s cooling to -30°C



IR Grating Spectrometer
ATP7810

Model	Description
ATP7810-25	0.8~2.5μm Max res. 5nm, speed at 3.0s InGaAs cooling to -10°C
ATP7810-60	1.0~6.0μm Max res. 9nm speed at 4.3s MCT cooling to -30°C
ATP7810-90	1.0~9μm Max res. 13nm speed at 13s MCT cooling to -30°C
ATP7810-120	1.0~12μm Max res. 13nm speed at 15s MCT cooling to -30°C
ATP7810-260	1.2~16μm Max res. 23nm speed at 8.5s MCT cooling to -30°C



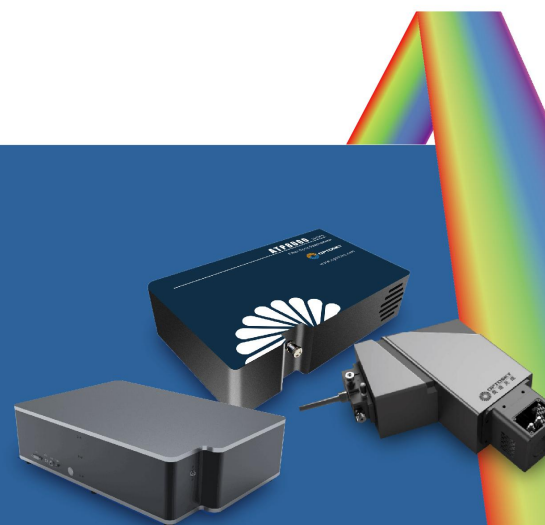
Scientific Imaging Spectrometer
ATP6750

Model	Description
ATP6750P	Cooled UV enhanced CCD, -10°C
ATP6750R	Cooled NIR enhanced CCD, -10°C
ATP6750LT	Deep cooling CCD to -30°C, 2048X506
ATP6750DC	Deep cooling CCD to -70°C, 2048X256

20 YEARS Manufacturer

One-Stop Spectrometer Solutions Provider

Spectral Range **180nm-25μm**



Micro Spectrometer

— UV-VIS-NIR —

Uncooled 180nm

2600nm

Cooled

NIR Spectrometer

— SWIR+MWIR+LWIR —



Mini-Size

ATP1XXX

Model	Description
ATP1010	180-1100nm UV-Enhanced Crossed C-T spectrometer, CMOS S13014
ATP1030	M-shape miniature spectrometer



Cost-effective

ATP2XXX

Model	Description
ATP2000P	CMOS S11639 Classical vs USB 2000+
ATP2000D	7 times lower noise than ATP2000P
ATP2000H	High speed to 2kfps
ATP2000SH	High speed to 4kfps
ATP2002	With xenon lamp driver & RS232
ATP2003	Low temperature drift & High stability
ATP2400	2048 compact size with Xenon lamp driver CMOS S11639
ATP2400-4	4096 compact size with Xenon lamp driver, CMOS S13496
ATP2700	High sensitivity enhanced 3-4 times for Raman
ATP2700SH	High sensitivity & High speed 4kfps
ATP2700D	PDA detector Low noise 1/6 of ATP2700



High Resolution

ATP3XXX

Model	Description
ATP3000	2048 C-T type vs Ocean HR2000, CMOS Detector (S11639)
ATP3040	4096 C-T type vs Ocean HR4000, CMOS Detector (S13496)
ATP3330	2048 M-type, High Resolution, Replaceable Slit, CMOS Detector (S11639)
ATP3334	4096 M-type, High Resolution, Replaceable Slit, CMOS Detector (S13496)



Cooled CCD

ATP5XXX

Model	Description
ATP5020	High Sensitivity, Cooled 2048 CMOS S11639 cooling down to -5°C
ATP5040	Cooled 4096CMOS Detector CMOS S13496 cooling down to -5°C
ATP5020P	CCD S11850 Cooling down to -10°C, C-T Type high UV sensitivity, vs Ocean cooling Maya
ATP5020R	CCD S16011 Cooling down to -10°C, C-T Type high NIR sensitivity good for Raman system
ATP5330	CMOS S11639 cooling down to -5°C, 2048 CMOS M-type High resolution
ATP5334	CMOS S13496 cooling down to -5°C, 4096 M-type High resolution
ATP5200	200-1100 CCD S11850 Cooling down to -10°C High resolution
ATP5200R	200-1100 CCD S11850 Cooling down to -10°C High UV sensitivity & High resolution
ATP5200P	200-1100 CCD S16011 Cooling down to -10°C High NIR sensitivity & High resolution good for Raman system
ATP5200-4	200-1100 4096 CMOS S13496 Cooling down to -5°C



Scientific Class

ATP6XXX

Model	Description
ATP6500	CCD Detector S7031 Cooling -10-20°C 1024 vs QE65Pro
ATP6500-2	CCD Detector S10141 Cooling -10-20°C 2048 Low Noise
ATP6500T3	CCD Detector S7031 cooling -30°C Low Noise and Dark Current
ATP6500DC	Deep Cooled Area Array CCD, -70°C Detector tacon261
ATP6500EM	EMCCD, -100 °C, For Spectral Analysis of Weak Light Detector DU910P



Multi-channel

ATL3000T

Model	Description
Valid pixels	4096 x 5 200-900nm resolution 0.087-0.16nm CMOS S13496
Wavelength range	200-900nm, resolution: 0.087-0.16nm



Low Cost

ATP86XX

Model	Description
ATP8600	900-1700nm Customizable, 256 pixels Uncooled Linear InGaAs G13913
ATP8610	Not Customizable, Lower cost 900-1700nm Resolution 12nm
ATP8610-22	Not Customizable, Lower Cost 1350-2150nm, Resolution 12nm



High Resolution

ATP8730

Model	Description
ATP8730-1	1024 high res. up to 70pm 900-1700nm InGaAs G14714 cooling to -20°Ccustomized 30nm range frame rate≥15KHz
ATP8730-2	2048 high res. up to 30 pm 900-1700nm InGaAs G14714 cooling to -20°Ccustomized 30nm range frame rate≥15KHz



High Performance

ATP8000

Model	Description
ATP8000-17	900-1700nm InGaAs G11478 cooling to -20°C
ATP8000-22	900-2200nm InGaAs G11478 cooling to -20°C
ATP8000-25	900-2500nm InGaAs G11478 cooling to -20°C



MWIR+LWIR

ATP8250

Model	Description
ATP8250-5	2.5-5μm 30nm pyroelectric Py1499
ATP8250-11	5.5-11μm 30nm Py1499



MWIR

ATP8300

Model	Description
ATP8300-30	1.0-3.0μm Res. 20nm
ATP8300-50	1.0-5.0μm Res. 40nm



Broadband UV-VIS-NIR

ATP9200

Model	Description
ATP9200-17	Spectral Range 200-1700nm
ATP9200-25	Spectral Range 200-2500nm