

## Hyperspectral Camera Line Scan



### BlueEye

- UV (220 - 380 nm)
- Resolution <2nm



### Green Eye

- VIS-NIR (400 - 1000 nm)
- Resolution <10nm



### Red Eye

- NIR (950 - 1700 nm)
- Resolution <10nm



### Black Eye

- MIR (2900 - 4200 nm)
- Resolution <18nm

## Hyperspectral Camera Snap Shot



### Ultris X20 Standard

- 380 to 1000nm
- 410\*410 pixel



### Ultris x20 PLUS High Resolution

- 350nm – 1000nm
- 1880 \* 1880 pixel



### ULTRIS 5 Palm size

- 450 to 850nm
- 250\*250 pixel

## Multi- Spectral Camera (400-850nm)



### ALTUM-PT

- 5 wavelength band
- 12.4MP Resolution



### RedEdge-P

- 5 wavelength band
- 5MP Resolution



### RedEdge-MX

- 5 wavelength band
- 3.6MP Resolution



### Dual Camera System

- 10 wavelength band
- 3.6MP Resolution

## XUV/VUV/Extended/Near edge spectrometer



XUV Spectrometers  
(5-80nm)



XUV Spectrometers  
(30-250nm)

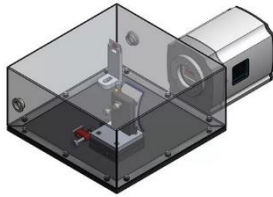


VUV Spectrometers  
(40-200nm)

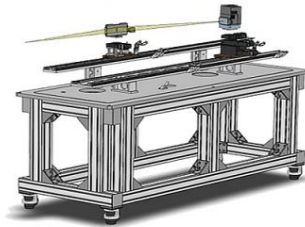


VUV Spectrometers  
(80-300nm)

## X-Ray Spectrometer



X-ray Spectrometer (1-20keV)



Extended X-ray Absorption(5-12keV)



Near Edge X-ray Absorption  
NEXAFS (0.2-1.2keV)

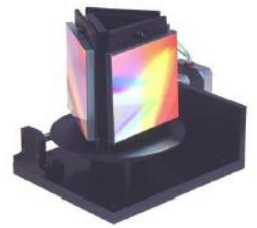
## Monochromators & Spectrographs



1/8 M Monochromator /  
Spectrograph



1/2m&1/4m Monochromator/Spectrograph



Gratings Option

## Portable/Tabletop Spectrophotometer



Portable  
Spectrophotometer  
(380-850nm)



Tabletop  
Spectrophotometer  
(240-2150 nm)

## Single Photon Imager



Single Photon Counting Imager

- 1000\*1000 Pixel
- Resolution <50ps



## Visible Single-Photon Detector (SPD)



Visible Single-Photon Detector (Peak QE~500nm)



Visible Single-Photon Detector (Peak QE ~ 800nm)



Visible Photon Counter OEM



Timing Controller

## Infrared Single Photon Detector (SPD)



Super Conducting Nanowire System



NIR Single Photon Detector Gated



NIR Single Photon Detector Free-Running



NIR Single-Photon Detector Low Dark Count

## Photodiode & Photomultiplier (200nm-12um)

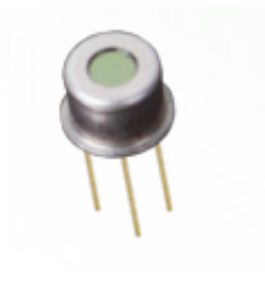


Photomultiplier 200-1000nm

Photodiode 800-2550nm

Cooled Photodiode 1-30um

Electronics Control



Infrared Single-Element Detectors (2-12um)



Infrared Multi-Channel Detectors (2-12um)



Infrared Linear Detector /LVF (2-12um)

## Autocorrelators & FROG



Autocorrelator - Single Shot



Autocorrelator - Multi Shot



FROG - Multi Shot



FROG - Single Shot

## Power Meter Sensor 250-2500nm / OD Filter



Free beam LP



Free Beam HP



Fiber-based Sensor



OD1 Filter



OD2 Filter

## Sensor Controller (OPM)



OPM150



OPM200



OPM500

## Integrating Spheres / Adaptor



Polymer Integrating Spheres



Polymer Integrating Spheres



Gold Integrating Sphere



Gold Integrating Spheres



FC-Adapter



SMA-Adapter

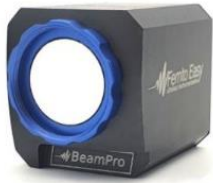


Fibre Adapter 1.25 mm



Fibre Adapter LC

## Standard Beam Profiler (190-1100nm)



Standard Beam Profiler



Micro Beam Profiler Model



1inch Aperture Beam Profiler

## IR Beam Profiler (900-1700nm/ 2-16um/1-18Thz )



SWIR Beam Profiler (900-1700nm)



IR Beam Profiler (2-16um)



Terahertz Beam Profiler(1-18 THz)

## Scanning Slit Beam Profiler (190-2500nm)



Scanning Slit Beam Profiler (190-2500nm)

## Laser Diode LIV Testing Systems



Laser Diode Characterization System LIV100



Laser Diode Characterization System LIV120