

Hyperspectral Camera Line Scan



Green Eye

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



Blue Eye

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



Red Eye

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



Black Eye

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

Hyperspectral Camera Snap Shot



Ultris x20 Standard

- 380-1000nm
- 410*410 pixel



Ultris x20 PLUS High Resolution

- 380-1000nm
- 1880*1880 pixel



ULTRIS 5 Palm Size

- 480 - 850 nm
- 250 x 250 pixel



ULTRIS 5 (High Frame Rate)

- 480 - 850 nm (Modifiable)
- 250 x 250 pixel



Snapshot Hyperspectral Camera for Microscope

- 450 - 950 nm
- Spatial Resolution: 50 x 50 pixel

Multi-Spectral Camera (400-1000nm)



Snapshot Multispectral Camera



Multispectral Drone Cameras



Multispectral Imaging Systems



Multispectral Camera for Microscope

XUV/VUV/Extended/Near edge spectrometer



XUV
Spectrometers(5-80nm)



XUV
Spectrometers(30-250nm)

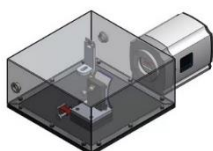


VUV
Spectrometers(40-200nm)



VUV
Spectrometers(80-300nm)

X-Ray Spectrometer



X-ray Spectrometer
(1-20keV)



Extended X-ray Absorption
EXAFS (5-12keV)



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

Monochromators & Spectrographs



1/8m
Monochromator/Spectrograph



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



Filter & Wheel



Monochromator
Accessories

Portable/Tabletop Spectrophotometer



Portable Spectrophotometer
(380-850nm)



Tabletop Spectrophotometer
(240-2150 nm)

Single Photon Imager



Single Photon Counting Imager

- 1000 x 1000 pixels
- 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



Silicon APD Detection Module

Infrared Single Photon Detector (SPD)



NIR Single Photon Detector Gated



NIR Single Photon Detector Free-Run



NIR Single-Photon Detector Low Dark Count



NIR Single Photon Detector SPAD Dual Channel (900-1700nm)



Super Conducting Nanowire System

Photodiode & Photomultiplier (200nm-12um)



Photomultiplier
200-1000nm



Photodiode
800-2550nm

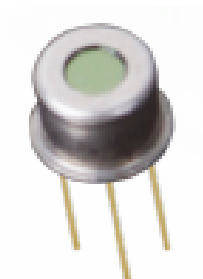


Detection
Electronics



Cooled Photodiode
1-30um

Pyroelectric Infrared Detectors (2-12um)



Pyroelectric IR Single
Detectors (2-12um)



Pyroelectric IR Multi-Channel
Detectors (2-12um)



Pyroelectric IR Linear
Detector /LVF (2-12um)

Autocorrelators & FROG



FROG - Multi Shot



Autocorrelator -
Multi Shot



FROG - Single Shot



Autocorrelator -
Single Shot

Photodiode Power Sensors/ OD Filter



Free Beam HP



Free Beam LP



Fiber Base Detector



OD1 Filter



OD2 Filter

Power Meter Console



OPM 150



OPM200



OPM500

Integrating Spheres / Adaptor



Polymer Integrating Spheres
with Detector (10-20mm)



High Power Polymer Integrating
Spheres (20-100mm)



Gold Integrating
Spheres 25/65/100mm



FC-Adaptor



SMA-Adaptor



Fibre Adapter 1.25 mm



Fibre Adapter LC

Standard Beam Profiler (190-1100nm)



Standard Beam Profiler



Micro Beam Profiler Model



1inch Aperture Beam Profiler (190-1100nm)

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

Laser Doppler Vibrometer 0.1Hz to 5Mhz



Single-Point Laser
Doppler Vibrometer

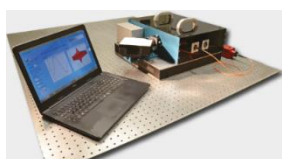


Multi-Point Laser
Doppler Vibrometer

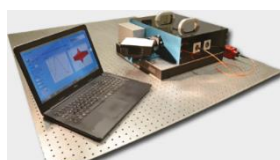


Long Distance Laser
Doppler Vibrometer

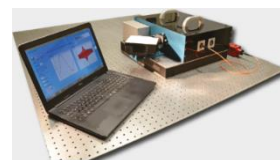
White Light Interferometer



White Light
Interferometer(400-
1060nm)

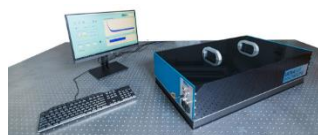


White Light
Interferometer (250-
1060nm)

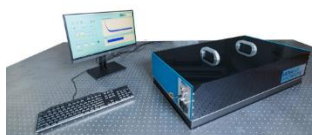


White Light
Interferometer (900-
2400nm)

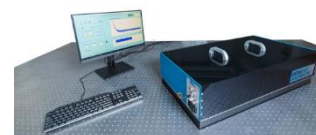
Optical Coating CRD Reflectrometer



GLACIER
(One Wavelength, 375 —
1550 nm Diode Laser Based)

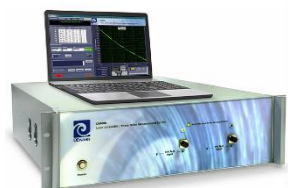


GLACIER-123 (Three
Wavelengths, 355, 532
and 1064 nm)



GLACIER-C (Three
Wavelengths, 450 — 2000
nm Freely Selected)

Test Measurement System



Optical Test Measurement System



RF Test Measurement System