

XSDD50-01GR-BOX-SYS SYSTEM

It features a high counting rate and energy resolution, achieving high sensitivity!
A palm-sized Silicon Drift Detector for fluorescent hard x-ray measurement.

Light weight
210g

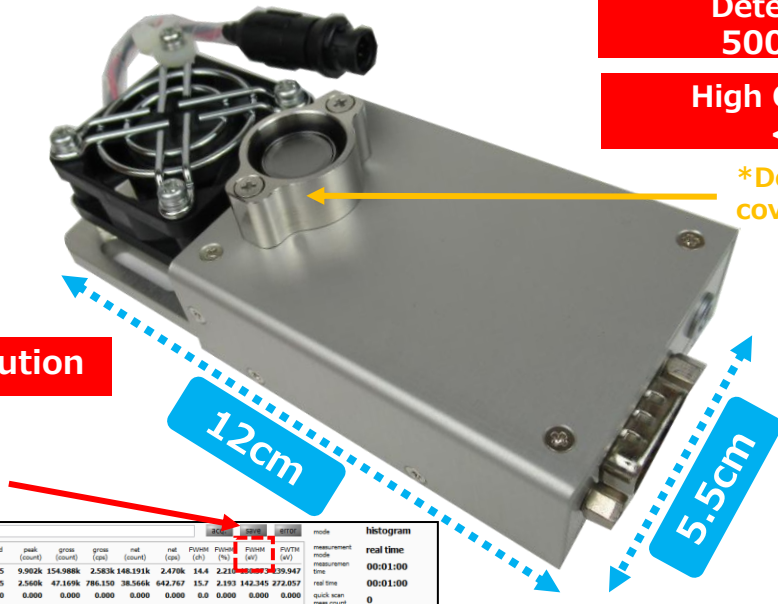
Detection Range
500eV-20keV

High Counting Rate
< 1Mcps

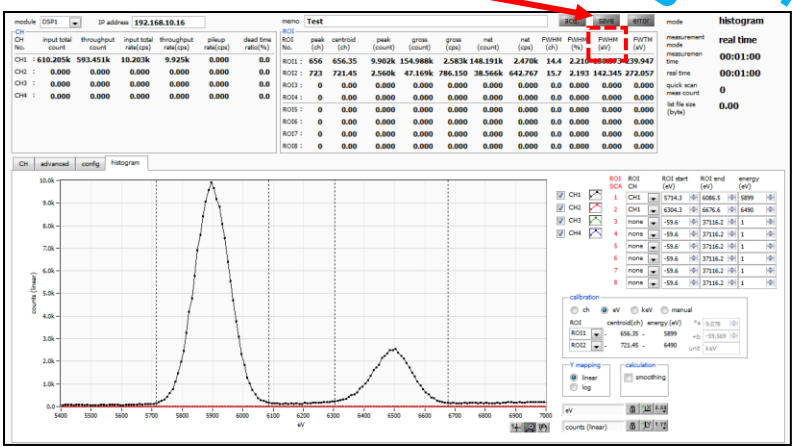
*Detector without cover type is available.

High Energy Resolution

130.373eV@5.9keV
 Peaking Time 1μs



Power Supply for DSP-integrated Detector Digital Spectrometer APU101X



仕様

Element Area	65mm ²
Sensitive Area	Collimated 65mm ² to 47mm ²
Window	Graphene Thickness 1μm Carbon
Cooling	Peltier Element
Heat dissipation	Chassis and Air cooling Fan
Material	Chassis: Aluminum Detector Cover: Stainless Steel Optional
Dimensions(mm)	55 (W) x 35.1 (D) x 120.5 (H)
Weight (g)	Approximately 210g
Power Consumption	High Voltage Power Supply: -168V@200μA Pre-Amplifier Power Supply: ±5V@30mA Peltier Power Supply: +1.8V@0.4A



Measurement Mode: **Histogram, LIST, Quick-Scan, ROI-SCA**

ADC Sampling: **100Msps 14-bit**

Communication I/F: **Ethernet (TCP/IP)**

Dimensions (mm): 210(W) x 45(H) x 275(D)

Included:

- Windows version data acquisition app
- Command manual for external PC control
- Sample program

*Images is for illustration purpose.
 *Please note that contents may change without prior notice.

