

Product Introduction

7 Element SDD system

TechnoAP Co., Ltd.



Multi element SDD system

TechnoAP

7 element SDD system

High counting and high sensitivity are realized by suitable DSP processing

Silicon Drift Detector



Model: XSDD50-07
1 pc

Power supply module for the Detector



Model: APU3900
1 pc

Measurement module



*This image is APU504XGbE.

Model: APU504XGbE
2 pcs

Note: The following items are included free of charge.

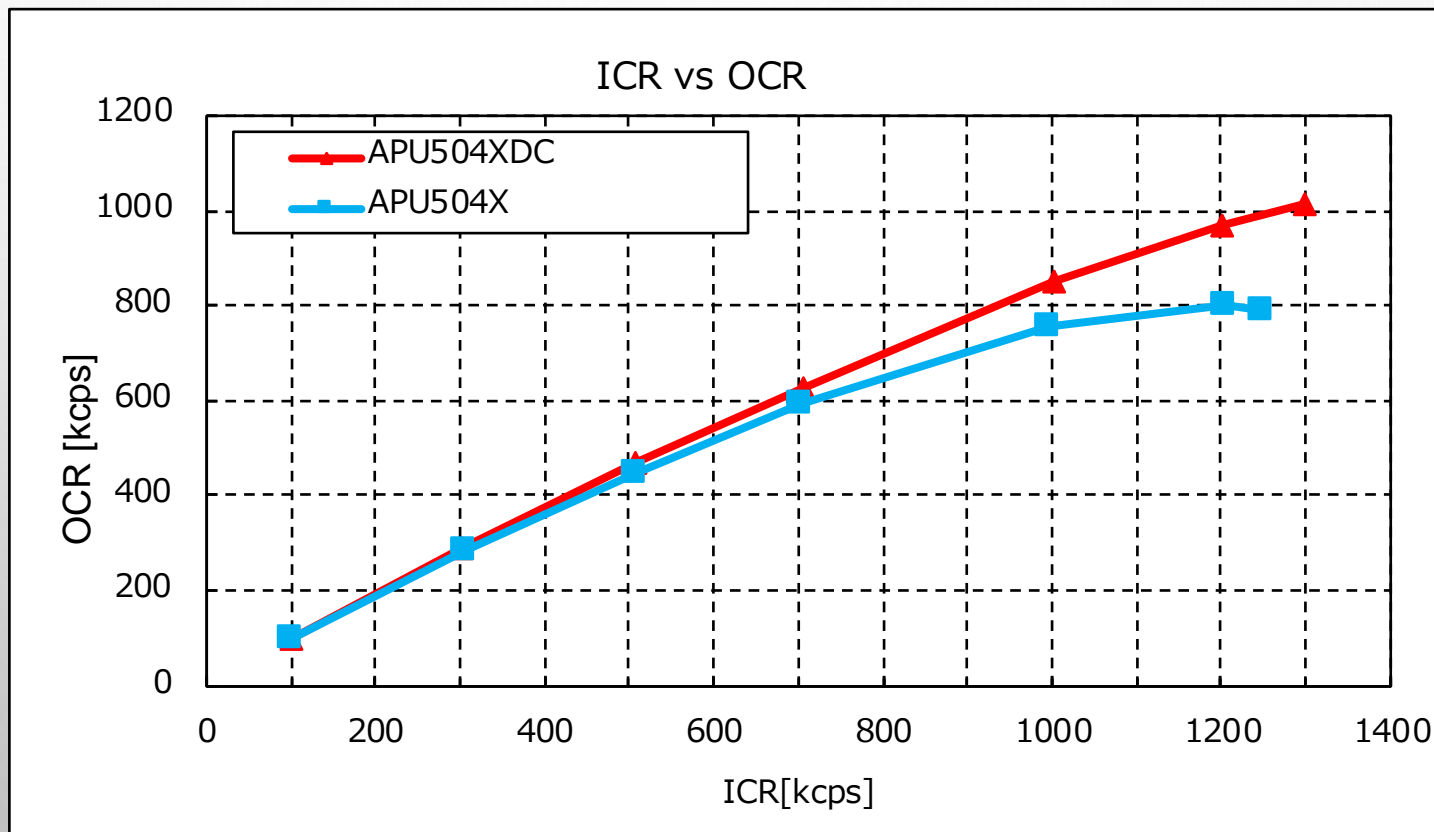
1. Software for system control and data acquisition
2. Cables connecting each devices

Multi element SDD system

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7 element SDD system

Performance: ICR vs OCR

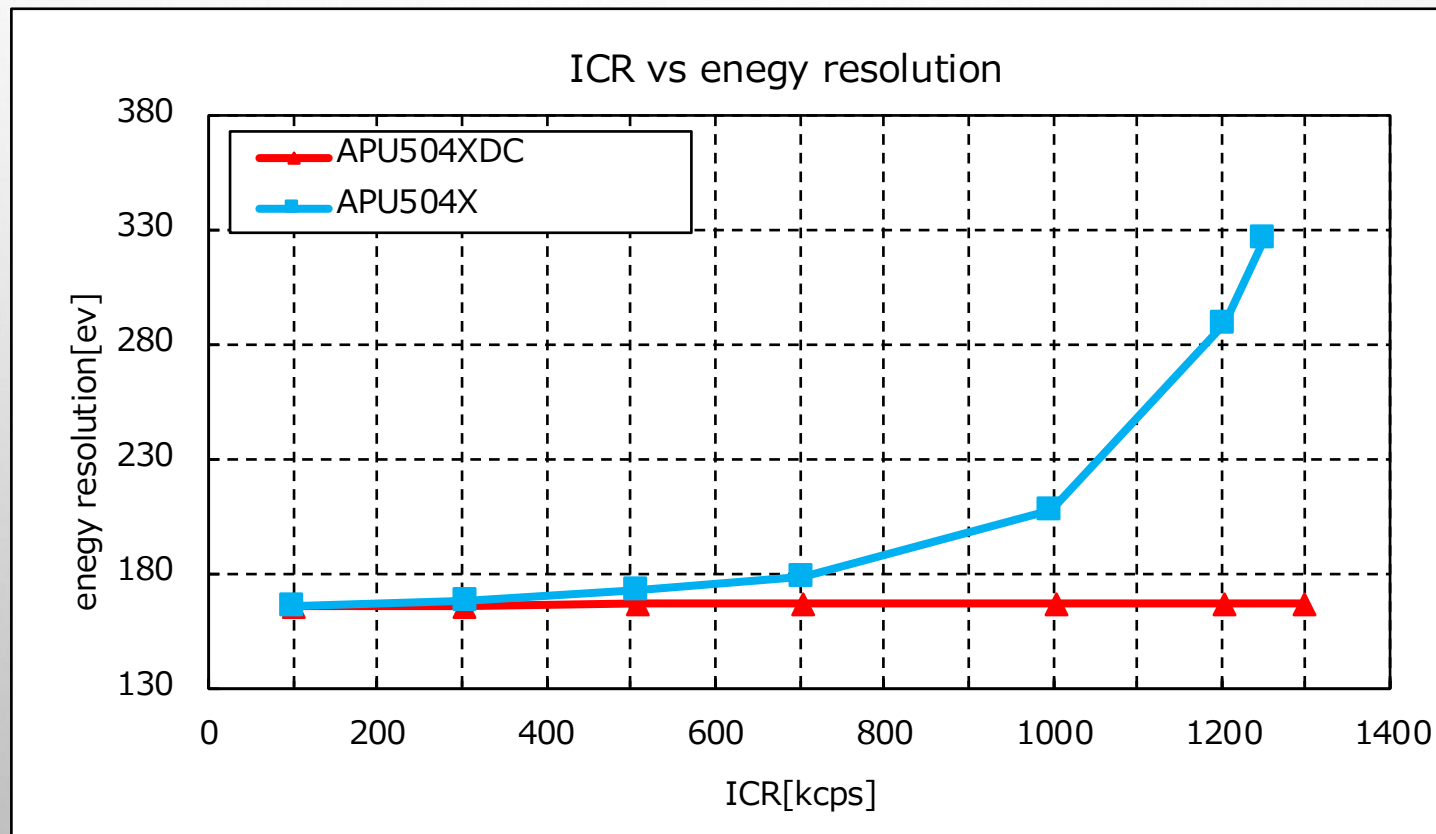


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Performance: ICR vs Energy Resolution

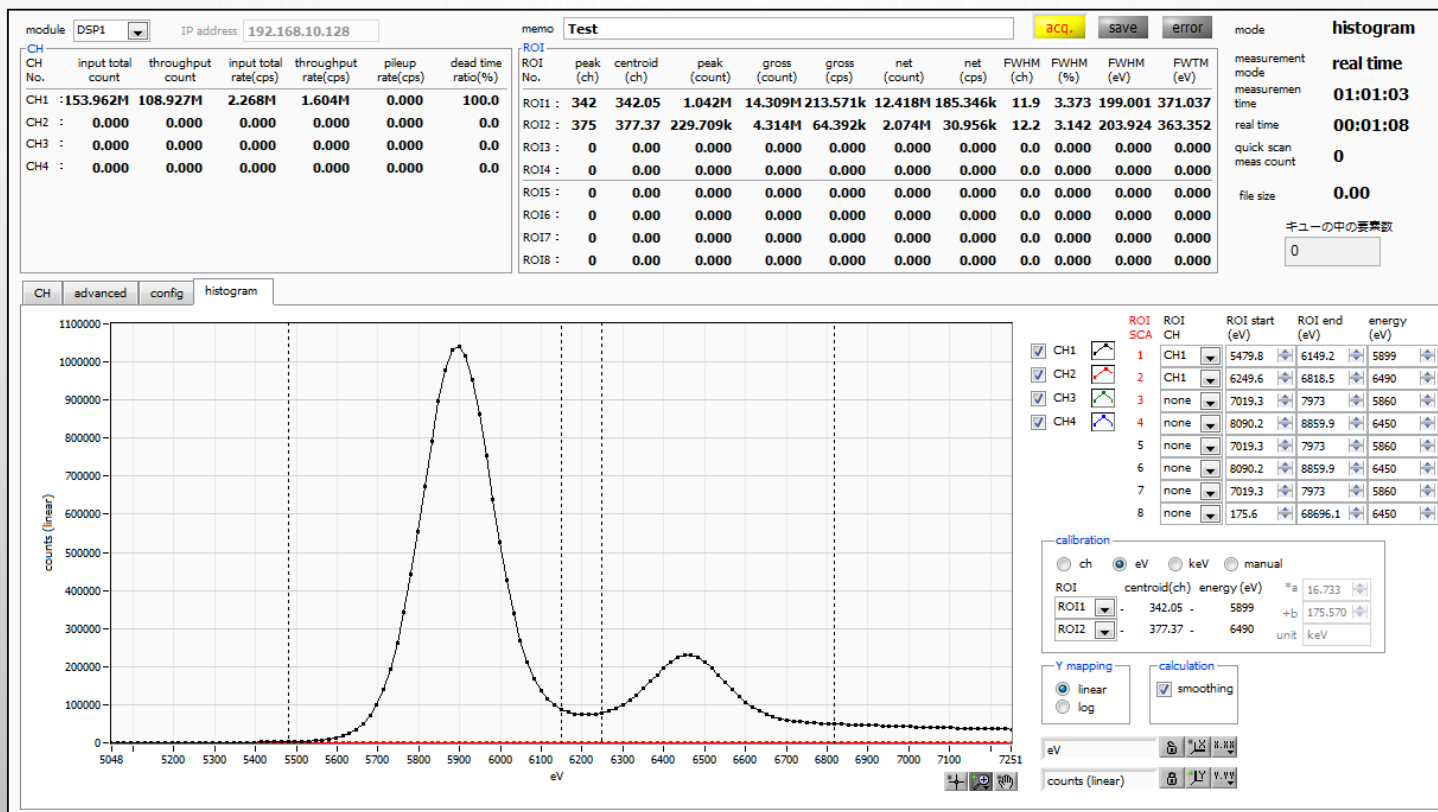


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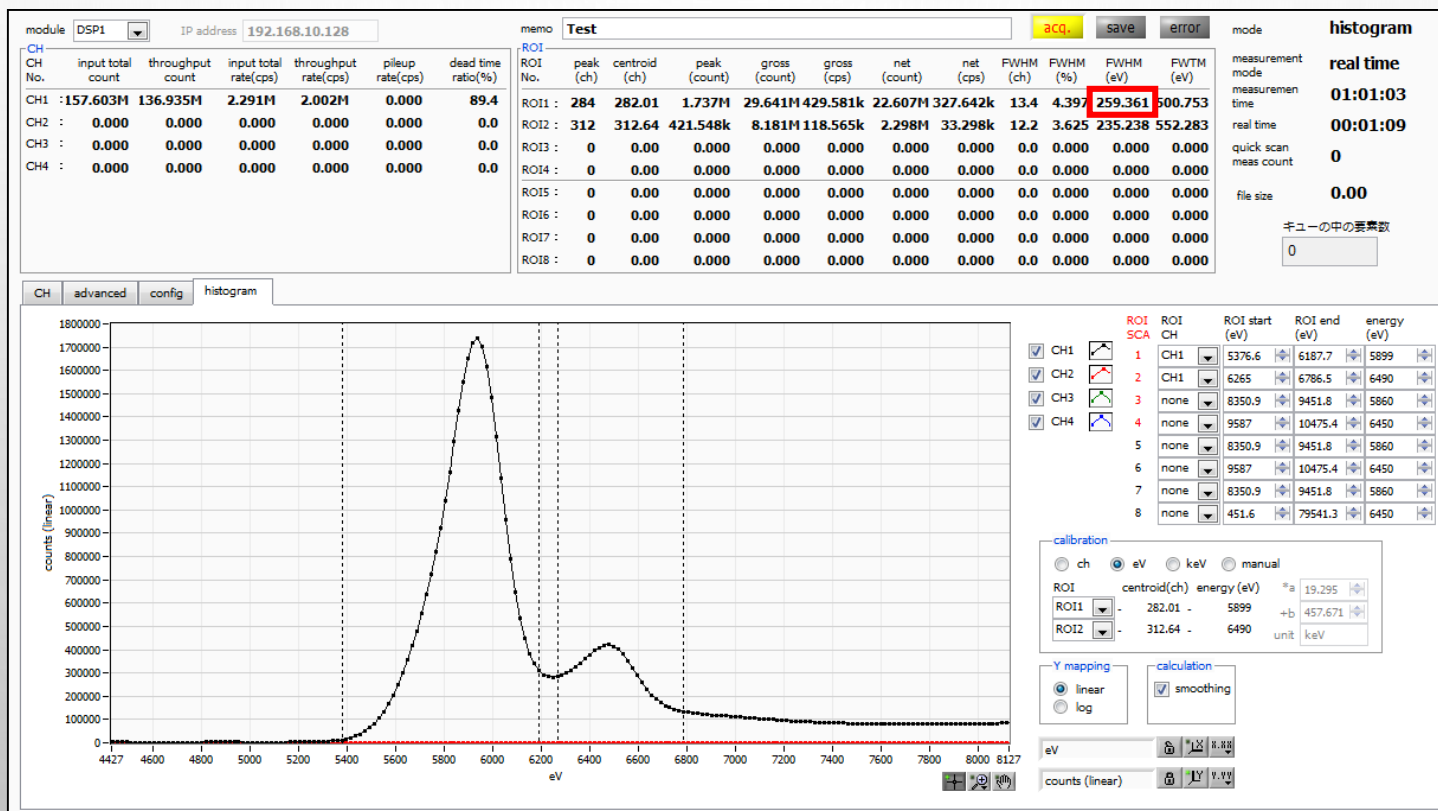


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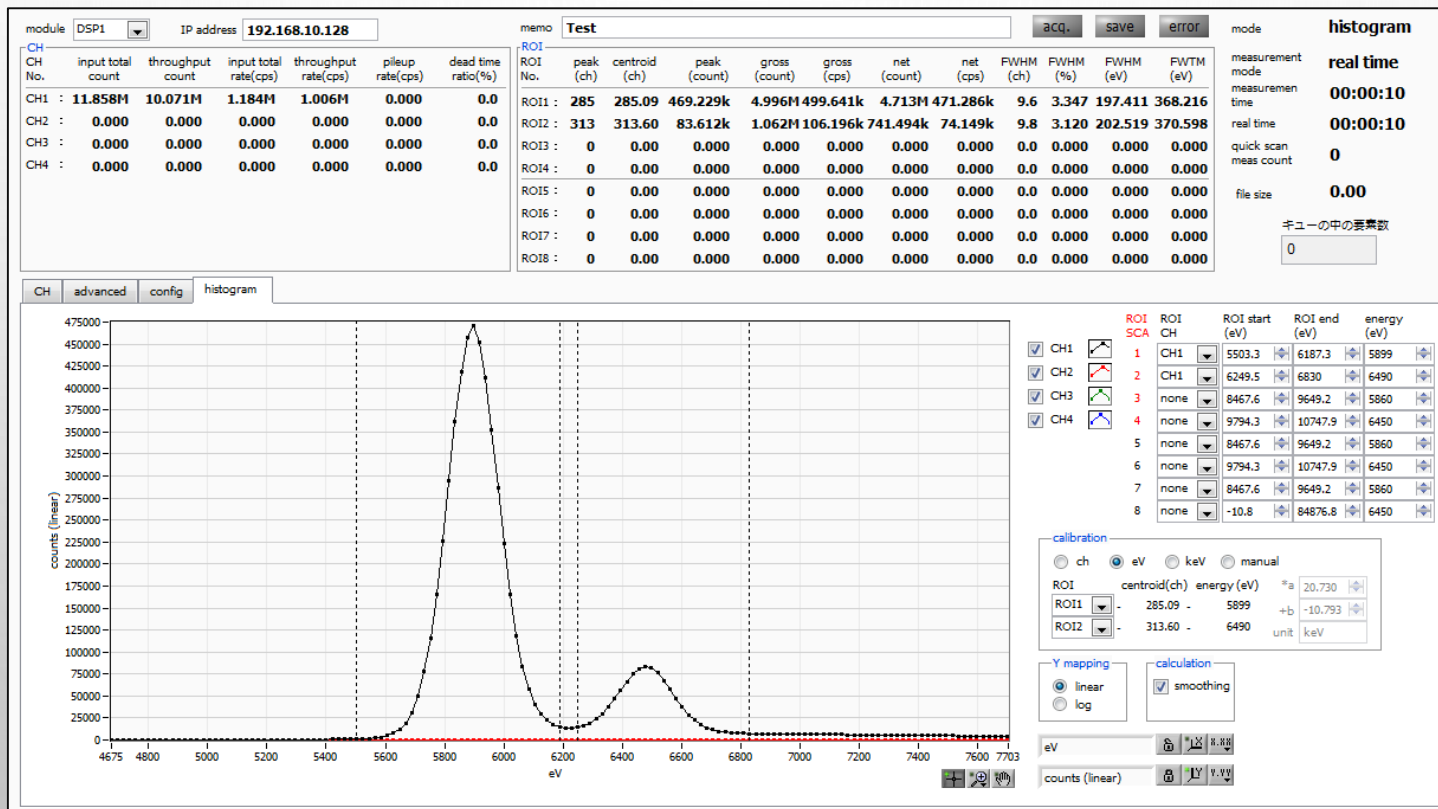
The resolution of MnK α is 259 keV

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Silicon Drift Detector



Power supply module for the Detector



Measurement module



*This image is APU504XGbE.

*High counting measurement is possible
by appropriately performing transistor reset processing
and Digital Signal Processing*

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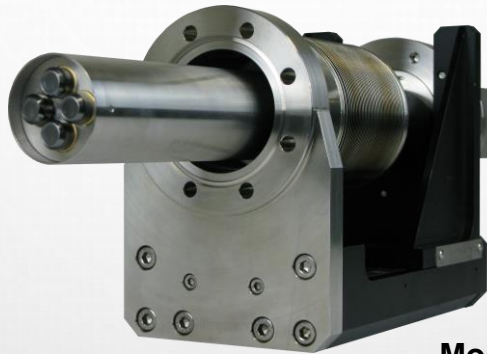
We manufacture and sell such an SDD system to respond to customer's request.

7-element



Model: XSDD50-07

4-element



Model: XSDD50-04

1-element



Model: XSDD50-01

- ✓ High Rate Performance
- ✓ Ultra-fast Digital Pulse Processors
- ✓ Designed to suit customer requirements.
- ✓ Detectors are also available with windowless construction.

CUSTOM MADE
for your needs!



CONTACT

Please do not hesitate to contact us if you have any questions regarding the product.

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