

Our advanced technology and extensive knowledge enable measurement with high counting and high resolution!

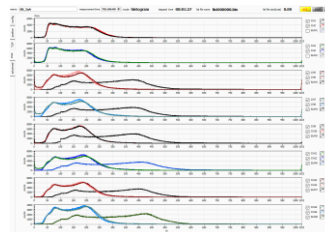
³He gas detector measurement system

High Precision Digital Signal Processor Boards

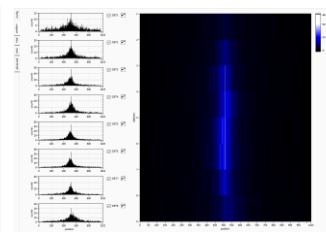
APV8016A

APG1697

High-speed preamplifier for ³He detectors



Dedicated application
Window: **TOF**



Dedicated application
Window: **Position**

Digital Pulse Processor

Real-time processing of high-speed pulses



APU8516

n/y waveform discrimination and waveform information acquisition possible

Random Pulse Generator

Decay pulse generation specific to radiation measurement



APU6001

Proprietary digital white noise generation algorithm

Input: **16 channel**
Time resolution: Coarse **2 nano sec.**
Fine **7.8 pico sec.**
Digital CFD and QDC enable acquisition of highly accurate time and energy information.

Output: **2 channel**
Digital exponential random number generation algorithm to reproduce Poisson distribution probability events.

PREAMPLIFIER

Charge Sensitive Preamplifier for Semiconductor Detectors

750 eV or less



APG1603

Gain-switching high-speed amplifier

Gain x10 / x100



APG1700

High Speed Amplifier Discriminator

TTL pulse output



APG1701

We are specialists in Radiation and Physical measurement.

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