

### Switched Capacitor

### Thomson scattering measurement

#### ◆ Overview

Up to 32 channels of analog pulse can be converted at high speed using a switched capacitor ADC

#### ◆ Operation Mode

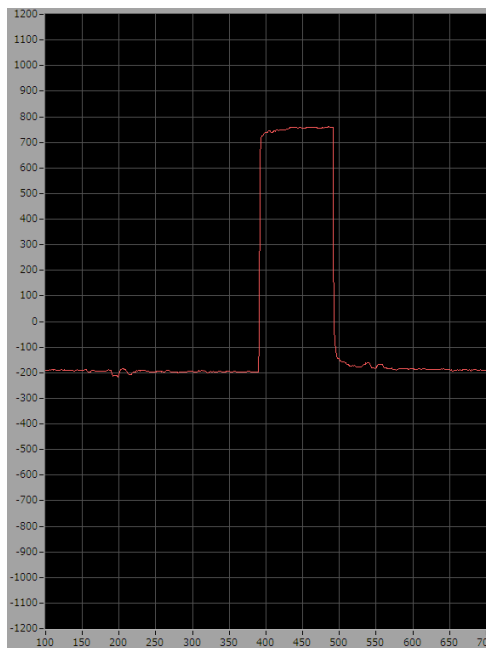
##### 1. WAVE mode

Read continuously the waveform data of up to 1024 points input from outside via Ethernet.

##### 2. DUMP mode

Waveform data of up to 1024 points input from outside via Ethernet is temporarily stored in memory and then read.

### Waveform digitizing



#### ◆ Specifications

Analog Input	32 channel, single ended Connector: HIF3BA-34PA-2.54DS
Input Range	±10 V Variable gain per Ch.: ×0.5, ×1, ×2, ×5, ×10
Frequency Bandwidth	800 MHz
ADC	DRS-4 chip (Paul Scherrer Institute design)
Sampling Frequency	1G / 5Gps
ADC Resolution	12-bit
ADC Memory Buffer	1024 cells
Memory	1 Gbyte (512 Mbyte x2)
Communication I / F	Ethernet RJ45 x2 TCP/IP, 1000 BaseT supported
Dimensions	1 width of VME 6U 20(W) x 262(H) x 187(D) mm
Weight	About 435 g



\*Images is for illustration purpose.

\*Please note that contents may change without prior notice.

[Website](#)



Manufacture of Radiation and Radioactivity measurement devices

## TechnoAP Co., Ltd.

2976-15 Mawatari, Hitachinaka-shi, Ibaraki, 312-0012, Japan

☎ +81-29-350-8011

📠 +81-29-352-9013

✉ order@techno-ap.com