

The APG1500 is a high-speed preamplifier for scintillation detectors. It has an **extremely fast rise time of less than 20 ns.**



**Available accessory**  
 Power cable 3M  
 D-Sub 9-pin connector  
 CBL-DSUB9-DSUB9-3

It is ideal **for applications requiring high counting rates** using LaBr<sub>3</sub>(Ce) scintillation detectors, etc.

### Specifications

Input	Rise time	20 nano sec. or less
	Fall time	Approx. 50 μ sec.
	Noise Characteristics	100 μVrms or less
	Integral non-linearity	Less than ±0.1% (typ.)
	Count rate	1 Mcps or more
	Connector	LEMO 00.250 compatible connector
	Input capacity	Switchable between 220pF, 1000pF, and 2200pF by board rotary switch
	Test pulse	Input impedance 50-ohm LEMO 00.250 compatible connector
	Power supply	D-Sub 9-pin connector (NIM standard compliant)
Output	Output impedance	50-ohm
	Connector	LEMO 00.250 compatible connector
Power Supply	±12V, 30mA or less D-Sub 9-pin connector (NIM standard compliant)	
Dimensions	70(W) × 20(H) × 53(D) mm *Excluding connectors	
Weight	138 g	
Conditions	Operating temperature 0 to 40 degrees, no condensation	

\*Images is for illustration purpose.

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

