Ultra-High Impedance Differential Amplifier SDAI-201EH Specifications

【Overview】

The potential between two electrodes can be measured without being affected by noise in a system with extremely high electrical resistance, such as in an ultra-pure water environment.

【Structure/Appearance】

【Specifications】

Input/output Conversion Ratio	1.000±0.001 for 1.000 input
Offset Voltage	0.5mV or lower
Input Impedance	$10^{14}\Omega$ or above
Output Impedance	100Ω
Input Bias Current	App.10fA or lower(25℃)
Input common mode voltage range	±7V(associating with GND)
Differential Input Voltage Range	±7V
Common Mode Rejection Ratio	60 dB(5Hz or lower)
Frequency Characteristics	App.100Hz −6 dB(at 0Ω input)
Input Channel	Differential 1ch
Input	Triple Coaxial TXA type
Input Cable	Each one for plus and minus (Sell Separately)
Power Supply	DC 5V
Size	130mm(W)×180mm(D)×45mm(H)(Excluding Protrusion and Cable)

【Equipment Set Sample】

SDAI-201EH (Main Body)

AC Adaptor

○Accessories

Measuring Cables (Each One Cable for Plus and Minus)

○Separated Purchase Required

Output BNC Cable, AC Adaptor

※It is recommended to purchase the specified products for compatibility with the equipment.