



Amplifier for Pressure PA-100

Affordable Model · Although this model is not equipped with a three-digit value display, which is seen on PA-001, other than that its functions and

capability are equal to those of

PA-001. This model is fully packed with our ideas to maximize its performance despite its affordable price.

Measurement Range: from -99 to +999 mmHg (digital display) Selectable Sensitivities: 2, 5, 10, 20, 50, or 100 mmHg/V; 6 levels Maximum Sensitivity: 2 mmHg/V

Pressure Transducer Force Transducer (F-12IS) Isometric Transducer



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MAIN DELAY END

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0 0

0 0

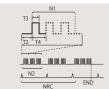
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Stimulator PST-001 Programmable Type

Most of the functions other larger devices have are now condensed into this compact stimulator equipped with a microprocessor. It may look very small but this model performs a sufficient number of functions that include a trigger input and pulse train. With this device you can execute a preprogrammed stimulation pattern with a one-touch operation, that is to say, there is no need to deal with complex settings during your study procedure and switching to a different stimulation pattern can instantly be done with ease.



<Setting Feature for Patterns>

- MAIN INTERVAL T1
- 100 μ s-9999s DELAY 0, 50 μ s-9999s T2
- TЗ Т4
- DULATION 50 μ s-838s INTERVAL 50 μ s-838s TRAIN 1-9999 (infinity by 0) N1
- N2 MAIN INTERVAL number 1-9999 (consecutive by 0) PRC PRESET COUNT
- 1-9999 (free by 0)

<Input / Output Terminals >

EXT: starting external trigger TRIGER OUT: output synchronizing terminal, three terminals for each of three types; MAIN / DELAY / END ISO: stimulation output terminal MIX: MIX output terminal for multi-chan-nel use; same output as ISO for solo use



Auto Inversion Function (ISS-011)

H.Rate Counter HR-001



Heart Rate Counter HR-001

• Using its internal microprocessor, this model calculates the rate of each waveforms created by input analog signals of ECG, blood pressure, respiration, etc. and converts them into analog voltage. It also features a digital Zero Suppression function, which gives you an enhanced output of changes seen in rate and makes your observation of waveforms much easier

This cable is connected to the front input of HR-001, taking a higher priority over the inputs between the amplifier's channels. Length: 1 m

INT / EXT mode inversion output This model features an ideal function that enables inverting the polarities of output by the unit of pulse. This function prevents polarization of nutritious fluid and also keeps the stimulative electrode from being covered with interferential materials.

• High Current with 240V Battery With its 240V battery, this device is capable of generating a high-current isolated stimulation with up to 100mA and 100V.

· High Sensitivity, Parallel Concurrent Operation Feature

This device is capable of processing a pulse input equal to or more than 5V. It can be connected to various stimulators that are available from different manufacturers, and approximately 5 units can concurrently be used in parallel from a single output.

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Isotonic Amp.

IT-201

ATT-1/3











Simple-type Isotonic Amplifier

IT-201 For students under training

This model employs a resistive potentiometer for its sensor. Its functions are simplified to an absolute minimum to make it more affordable and practical.

Measurement Range: ±25 mm Selectable Sensitivity: 1-1/3 CAL: \pm 1, 5, or 10 mm

Detects the resistive change by a contactless type potentiometer equipped with Hall element. Simple structure, but low driving torque

Driving Torque: 500 mg · cm Method of Detection: resistive detection with potentiometer

pH-Meter **PHA-001**

Isolated Model

 ${\mbox{\cdot}}$ This model is designed to feature a complete isolation, standing a high voltage of 3000V for safety, to securely be used for clinical in vivo pH measurements. This pH-meter has highly

responsive feature of 0.02 seconds, enabling a measurement with direct response when using it together with metallic electrodes such as those made of antimony.

• Its pH7 can be adjusted widely, and a broad range of electrodes, from a minute glass electrode to a metallic electrode, can be used with this device.

Display Range: pH0.00-14.00 (digital display)

Zero Correction: (pH7 value) ± 5.0 pH or more

Sensitivity Correction: (pH4 value) $\pm 0.8 \text{ pH}$

Leakage Current: isolation with a Relay Cable photocoupler; 2μ A or less / 100V 50Hz



