

11. Equipment specification

[Hardware]

11-1 Specification for main unit

- Total sensitivity : 900V / G or higher (400Hz)
- Power supply : Alkali C-size (LR14) battery × 4
: AA-size batteries may also be used.
(However, a conversion adaptor is required.)
- Working temperature range : -20°C to +55°C
- Minimum working voltage : 4.1V (However, it is different for continuous working.)
- Continuous working time : 24hours or longer (based on our conditions)
- Conforming standard : IP52 equivalent
- Display : Dot matrix LCD (128 × 64)
- External connection and terminals : Power switch × 1
Sensitivity select switch (SENS) × 1
Sensor input connector (with drip-proof cap) × 1
Headphone jack (with drip-proof cap) × 1
USB port (with drip-proof cap) × 1
Alternate ON / OFF switch × 1
- Filter : High-pass Thru, 100, 200, 400Hz
: Low-pass 400, 600, 800, 1200, 2200Hz
(Setup of BPF 400, that is 400Hz, is not permitted.)
: Notch filter 50Hz, 60Hz, OFF
- NR system : OFF
: LEVEL 1 : 0.2second
: LEVEL 2 : 1.0second
: LEVEL 3 : 3.0second
- Backup power supply : Built-in primary cell
- Backup period : 8 years or longer (at 20°C)
- Saved data : Minimum level value, data No., date / hour, flag information
- Number of save files : 250
- External interface : USB
- Dimensions and weight : 163(W) × 76.5(D) × 145(H) mm
: 780g (excluding batteries)

11-2 Specification for pick-up

- Type : Piezoelectric-type
- Conforming standard : IP67 equivalent (water depth 1m, 30minutes)
- External dimensions : $\phi 78 \times 50$ mm (excluding cable section)
- Weight : 580g
- Power supply voltage : 3.3V DC

11-3 Specification for headphones

- Method : Stereo, enclosed type
- Impedance : 8Ω
- Headphone terminal diameter : $\phi 6.3$

11-4 Specification for USB connecting cable

- Standard : USB1.1
- Connector : A-B type
- Length : 1.5m