

Seismic Digital Timer

HANDY SEIS PS-1 NEO



<Abstract>

- Handy Seis PS-1 NEO is a palm-sized seismic digital timer for velocity measurement.
- User-friendly system. (Pressing the RESET button, adjusting gain, and hammering an excitation point would display an arrival time of elastic wave to a receiving point.)
- Easy to read by using a digital display system.
- A set of equipment supplies in a carrying case which gives easiness for portability.
- It is powered by four (4) size AA dry cells.

<Features>

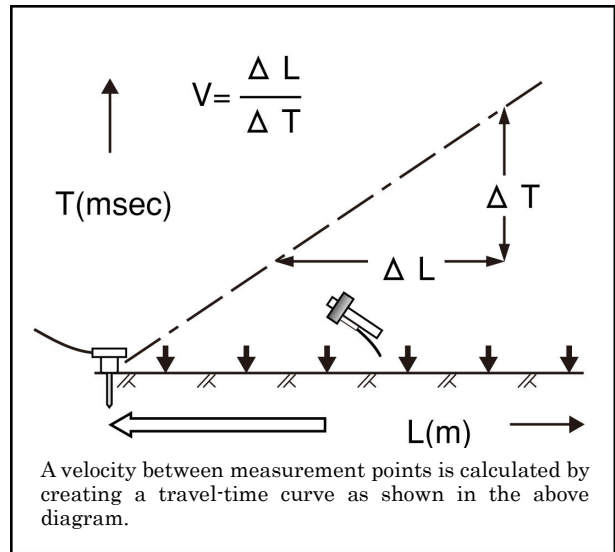
- For velocity measurement in tunnels and test tunnels
- For velocity measurement of bedrock outcrop
- To identify rippability of road and land formation
- For other measurements for civil engineering

<Specifications>

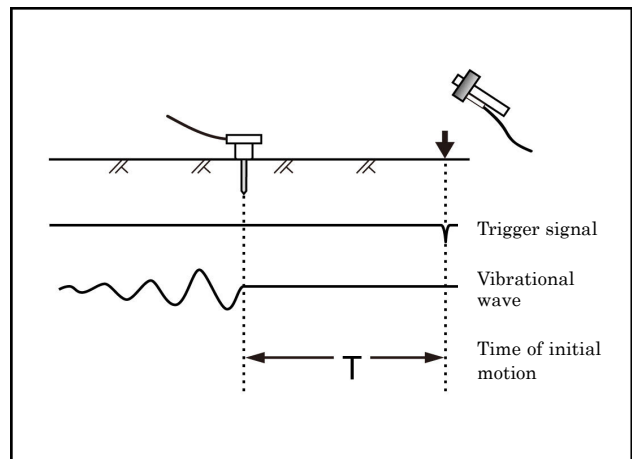
Time display	: 00.0 ~ 99.9msec
Time accuracy	: +/-0.1% (+/- 1 digit)
Gain	: 74 dB (max)
Frequency Characteristics	: 50 ~ 500Hz
Power	: Four (4) size AA dry cell
Usable dry cell	: Manganese, Alkaline, Oxryide, Nickel-Cadmium or Nickel-hydride dry cell
Dimensions	: 95 (W) x 162 (H) x 35 (D) mm
Weight	: approx. 250g (without dry cell)

<Composition>

PS-1 NEO main unit	
Geophone	: 28Hz with 1m cable
Hammer switch	: Hammer switch with 3m cable
Extension cable	: 30m
Carrying case	: 350 (W) x 250 (H) x 160 (D) mm
Volume of carrying case	: approx. 4kg (with all accessories)



■ Conceptual diagram of measurement



OYO
oyo corporation



JQA-2772

Please note specifications are subject to change without notice for the improvement.

- Instruments & Solutions Division
43 Miyukigaoka, Tsukuba, Ibaraki, 305-0841 Japan
Phone: +81-(0)298-51-5078, Fax: +81-(0)298-51-7290
e-mail: seihin@oyo.jp

- Head Office
7 Kanda-Mitoshiro-cho, Chiyoda-Ku, Tokyo 101-8486, JAPAN
Phone: +81-3-5577-4501, Fax: +81-3-5577-4567

■ Your representative