

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.

< Feature >

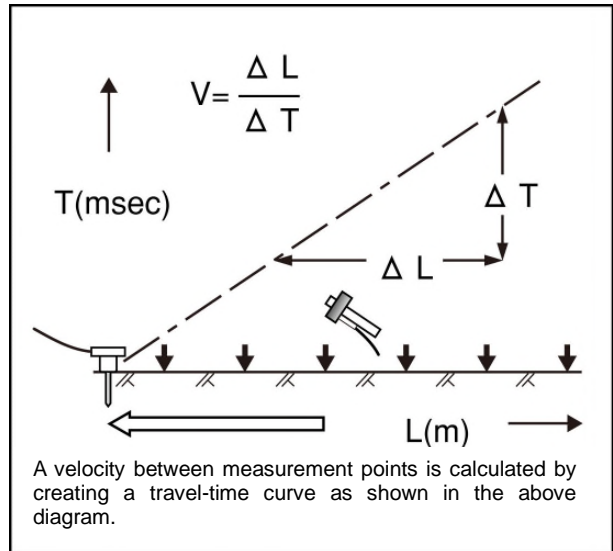
- For velocity measurement in tunnels and test tunnels
- For velocity measurement of bedrock outcrop
- To identify rippability of road and land formation
- For other measurements for civil engineering

< Specification >

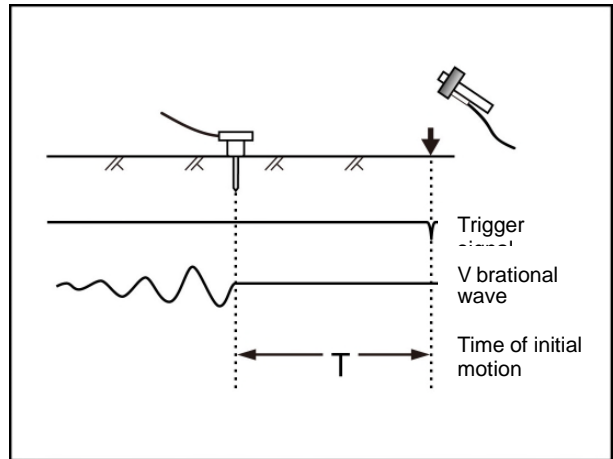
Time Display : 00.0 to 99.9 msec
 Time Accuracy : +/-0.1 % (+/- 1 digit)
 Gain : 74 dB (max)
 Frequency Characteristics : 50 to 500 Hz
 Power : Four (4) size AA dry cell
 Usable dry cell : Manganese, Alkaline, Oxiride, Nickel-Cadmium or Nickel-hydride dry cell
 Dimensions : 95 (W) x 162 (H) x 35 (D)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

< Configuration >

PS-1 NEO Main Unit
 Geophone : 28 Hz with 1 m Cable
 Hammer Switch : Hammer Switch with 3 m Cable
 Extension Cable : 30 m
 Carrying Case : 350 (W) x 250 (H) x 160 (D) mm
 Weight : 4 kg (with All Accessories)



■ Conceptual diagram of measurement



JQA-2772

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

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