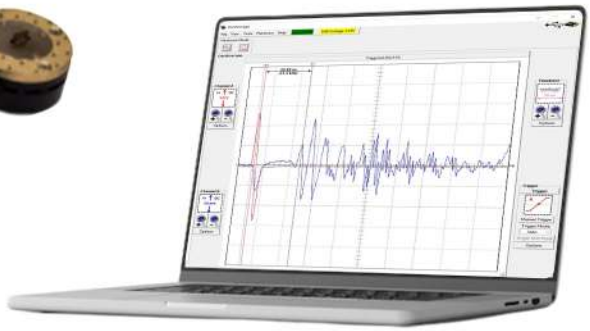
INTELLITEST

Consulting | Equipment | Testing

- Designed for consistent and repeatable testing you can be confident in
- Offers compression wave velocity measurement
- Available for triaxial



P&S WAVE MEASUREMENT

Routine estimations of stiffness have traditionally been made in a stress path triaxial apparatus; however, low-strain testing is difficult due to insufficient resolution and accuracy of load and displacement measuring devices. The P and S wave testing system makes the measurement of soil stiffness at very small strains easy. It consists of piezo-ceramic plates, known as P and S sensors, which operate in the same way as bender elements. The system is used to measure compression wave (VP) of a specimen. Testing system comes equipped with combined pairs of piezo-ceramic plated P and S sensors - one serves as the output (or source) signal and the other receives the signal (or input).

TECHNICAL SPECIFICATIONS

TRANSDUCERS
Piezo-ceramic Bender/Extender

SYSTEMS
Triaxial

MEASUREMENT
Compression Wave Velocity (Vp)

SAMPLE SIZE
Triaxial: 2.8 in (71 mm)

INCLUDED
- Triaxial Cell
- Piezo-Ceramic Bender/Extender Transducers
- P&S software to run and report tests

WARRANTY
12 month warranty; extended warranties available