



BENDER ELEMENT TESTING APPARATUS

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. Bender Element Testing Apparatus 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).

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

Features

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

Intellitest Solutions Pvt. Ltd.

12A08, Business Hub, Sector - 81, Faridabad - 121007 (Delhi NCR), India
+91-129-297 6069/ 298 6069/ 409 6069 / +91-9250059892 - 93
solutions@intellitest.co.in / intellitestspl@gmail.com
www.intellitest.co.in