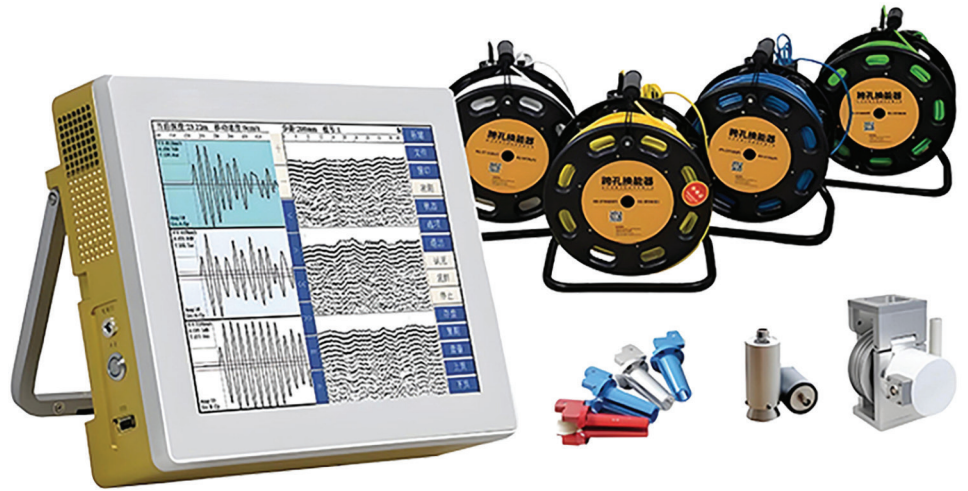


The CSL (Crosshole Sonic Logging) Test system is designed for accurate integrity testing of deep foundation piles using advanced ultrasonic monitoring technology. By transmitting ultrasonic waves through water-filled access tubes within the concrete, the system can detect defects, inconsistencies, and changes in concrete quality with high precision. Featuring a 12-inch high-resolution touchscreen display, 4-channel operation, Bluetooth connectivity, and real-time data upload, the CHUM Cross Hole Ultrasonic Monitor delivers efficient field testing, reliable analysis, and streamlined reporting for piling and foundation projects.



FEATURES

Signal Overlay	Multiple hammer signals overlay for automatic comparison
Display	High-brightness screen for clear visibility under strong light
Data Upload	Supports real-time data upload for monitoring and management
Data Management	Reliable with massive data backup and management
Analysis Software	On-site analysis software for fast and efficient results
Multi-Channel Collection	Three channels available supporting simultaneous data collection
Standards Compliance	Complies with various domestic and international testing standards
Multi-Channel Support	Simultaneous multi-channel data collection
Compliance	Meets various domestic and international testing standards
Connectivity	2 × USB 2.0 interfaces
Power Supply	Built-in battery or external power supply

SPECIFICATIONS

Item	Specification
Operating System	Embedded Win CE 5.0
Display	12-inch high-brightness LCD screen
Storage	Flash card
Touchscreen	Capacitive touchscreen
Data Transfer	USB and wireless upload
Channels	4 programmable channels
Voltage	500V / 1000V
Pulse Width	0.1us ~ 500us
Sampling Interval	0.1us ~ 400us
Signal-to-Noise Ratio	70 dB
Power Supply	Built-in lithium battery
Operating Temperature	-10°C ~ +45°C
Dimensions	31cm × 24.8cm × 7.5cm
Cable Trunking	4-trunking
Bluetooth	Supported
Working Mode	Alternating transmit and receive
Probe Frequency	60kHz
Probe Diameter	Optional 27mm / 30mm
Operating Platform	Windows system
Standards	Supports multiple industry standards

APPLICATIONS

The CSL (Crosshole Sonic Logging) Test system is widely used in piling and deep foundation projects to assess the integrity and uniformity of concrete piles, diaphragm walls, and drilled shafts. Common applications include bridge foundations, high-rise buildings, marine structures, infrastructure developments, and geotechnical investigations where reliable foundation quality verification is essential.

For more information about the CSL (Crosshole Sonic Logging) Test system or to discuss your foundation testing requirements, contact the team at CESCO Equipment. Our specialists can assist with product selection, technical advice, and tailored solutions for piling and deep foundation applications.