

Product Name :
Ultrasonic Pulse Velocity Tester

Product Code :
CHINAELABC2650030



Description :

Ultrasonic Pulse Velocity Tester

Technical Specification :

Ultrasonic applies high voltage and sends it to transit transducer to generate ultrasonic wave. The velocity of ultrasonic wave in concrete is affected by elastic property or strength. This ultrasonic wave reaches to the receive transducer through concrete. Ultrasonic measures the ultrasonic transit time accurately so it makes possible to evaluate a material or find an elastic properties nondestructively to investigate uniformity, cavities, cracks, fire/frost damage, delaminating, deterioration and strength. 52 khz concrete transducers which was designed to send and receive ultrasonic signal effectively in highly extenuative materials, including concrete, wood, stone and plastic. When elastic property or strength of concrete is high, the transit time is short. On the other hand, when the materials are contrary, the velocity is low.