

Product Name :

Ultrasonic Pulse Velocity Tester

Product Code :

SLE/CE/42

**Description :****Specification:**

- 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 applies high voltage and sends it to transit transducer to generate ultrasonic wave.
- 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.
- 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.
- 52 khz concrete transducers which was designed to send and receive ultrasonic signal effectively in highly extenuative materials, including concrete, wood, stone and plastic.

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