

Pundit 200 Pulse Echo

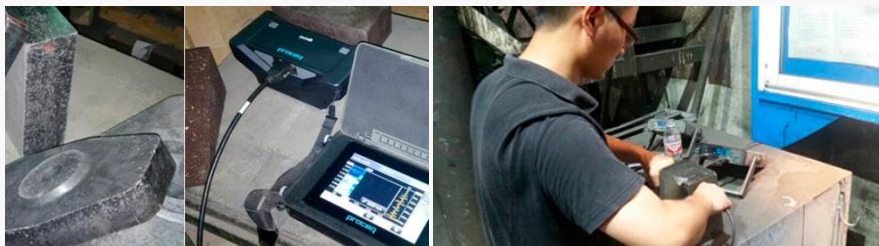
Ultrasonic refractory testing without coupling paste

Ultrasonic pulse echo testing has a huge variety of applications when searching voids and determining the thickness of heavy concrete structures. The Pundit 200 Pulse Echo is proven to give excellent correlations and results on refractory materials.

For example, one of our customers used to work with the traditional ultrasonic pulse velocity method to determine voids in refractory materials, however, the need to use coupling gel stained the refractory surface. Pundit 200 Pulse Echo with dry point contact transducers permits testing for voids in refractory materials without any staining to the surfaces tested.

Another important quality check in the refractory brick manufacturing process is the checking of transmission time by means of ultrasonic pulse velocity. Transmission time data is used to determine the need of any adjustment of process parameters to ensure consistent product quality.

Proceq's Pundit instruments offer the highest accuracy in transmission time measurements. Depending on application, users can select transducers of different frequencies to suit their requirement.



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