

# The James V-Meter™ Mark III

Ultrasonic Pulse Velocity system for identifying basic characteristics of coarse grained materials, including concrete, wood, ceramics, and brick.

## Application

- Locate honeycombs and voids in construction material
- Determine depth of cracks
- Test for fire damage
- Find rotting wood
- Test for Young's Modulus



## Features and Benefits

- Widely used and accepted quality control instrument for inspecting concrete
- Non-Destructive device can measure and correlate concrete strength to standard strength measurements
- Ultrasonic testing can be applied to new and old structures, slabs, columns, walls, fire damaged areas, hydroelectric structures, pipe, prefab and pre-stressed beams, cylinders and other concrete forms
- A wide range of transducers are available (sold separately)
- Direct digital read-out of transit time
- Built-in wave form display on LCD
- Portable, light weight and easy to use
- Direct reading of calculated P-wave velocity and S-wave velocity
- Direct reading of calculated modulus of elasticity
- Direct reading of Poisson's ratio
- Signal and trigger output
- Conforms to ASTM C - 597 and other standards

## Product Numbers

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| <b>V-C-9000</b> | Complete V-Meter™ MK III System. Includes basic system, software for file uploads, and transducers |
| <b>V-C-9901</b> | V-Meter MK III™ System, includes transducers but not software                                      |
| <b>V-C-9902</b> | V-Meter MK III™ Basic System, does not include software or transducers                             |

