

CORROSION



Gecor 8™

Advanced Rebar Concrete Corrosion Rate System.

C-CS-8300 – Gecor 8™ Complete System



Cor-Map®

Cor-Map® II Ohmcorr™

Concrete Half-Cell Potential Systems for Locating Areas of Rebar Corrosion. Cor-Map® II includes digital Mapping feature and PC Software. Ohmcorr™ is a concrete resistivity system used in conjunction with the Cor-Map® and Cor-Map® II.

C-CM-5000 – Cor-Map® II Complete System for Half-Cell Potential

C-CM-4000 – Cor-Map® Complete System for Half-Cell Potential

C-RM-8000 – Ohmcorr™ Resistivity System



Poroscope™

Determines air and water permeability in concrete both at and below the surface



C-P-6050 – Poroscope™ Complete System (plugs not included)

C-P-6060 – Pack of 25 Test Plugs



Chlorimeter™

Field Test System for determination of chloride concentrations in construction materials

C-CL-3000 – Chlorimeter™ Complete System (does not include extraction liquids)

C-CL-2012 – Pack of 12 extractions liquids

C-CL-2096 – Pack of 100 jars of extraction liquids



ASR Detect™, Carbo Detect™

Chemical indicator system for testing for ASR and Carbonation

I-AS-3000 – ASR Detect™ Complete System

I-CB-6000 – Carbo Detect™ Complete System



Air Meters for Fresh Concrete

ASTM Type B and other Air Meters available

A-AB-1200 – ASTM Type 'B' Air meter

James® Instruments Inc. specializes in Non-Destructive Testing equipment for concrete and other construction materials. Central to the improvement of the construction infrastructure are tools that evaluate the condition of existing construction. Destructive and Non-Destructive Testing (NDT) techniques are applied. Destructive tests can provide direct information, but are relatively expensive, time-consuming and cause damage to the structure. Destructive test results often cannot be evaluated using statistical approaches because the number of locations in the structure that can be tested without damage to the structure is limited. On the other hand, Non-Destructive Testing (NDT) techniques are relatively inexpensive to apply, and they can detect, localize, and characterize flaws and damage in concrete, wood and other construction material structures without leaving any undesirable discontinuities or causing damage to concrete members.

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NDT
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STRENGTH LOCATORS ULTRASONICS CORROSION MOISTURE

NDT
JAMES INSTRUMENTS
Non Destructive Test Equipment

FOR CONSTRUCTION MATERIALS

Test Well.
Build Well.



STRENGTH TESTING



Windsor® Probe Test System

Most Advanced System For Compressive Strength Testing of Standard and High Performance Concrete.

Z-WP-1000 – Windsor® HP Probe System (system does not include probes)

Z-WP-534 – Windsor® Probe Manual System (system does not include probes)

U-PRS-01 – 75 Silver Probes & 75 Power Loads for Testing Standard Density Concrete

U-PRS-03 – 75 Gold Probes & 75 Power Loads for Testing Lightweight Concrete

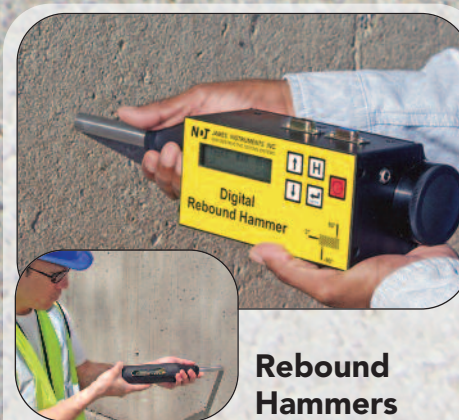


Windsor® Pin Test System

For Strength Testing of Concrete, Brick and Mortar Features Special Chuck for Mortar Joint.

W-P-2000 – Complete Windsor® Pin System (system does not include pins)

W-P-1040 – Case of 40 Hardened Steel Pins for Windsor® Pin System



Rebound Hammers

Strength Testing for Concrete, manual and digital versions available, low impact and high impact strength available. Digital Hammers include Reboundlinx software for data transfer.

W-D-2000 /W-D-2005 – Complete Digital Rebound Hammer for Standard/Low Impact

W-D-1500 /W-D-1505 – Basic Digital Rebound Hammer for Standard/Low Impact

W-M-250/W-M-255 – Standard Impact Manual Rebound Hammer/Low Impact Manual Rebound Hammer

W-C-7312 – Test Anvil to Calibrate Rebound Hammers



James Bond Test™ MK III

For Testing Tensile Strength of Overlays, and Overlayments

P-C-7300 – James Bond Test™ Mark III Complete System

Anchor Test Systems

Measures a wide range of anchor strengths in construction materials.

P-C-7280 – Standard Anchor Test Kit for Load Verification

P-C-7281 – Standard Anchor Test Kit for Testing Load Failure

P-C-7290 – Super Anchor Test System

REBAR LOCATORS



Rebarscope®

Advanced System for Rebar Location and Bar Size Determination. The unit is also capable of locating non ferrous metals as well such as copper, aluminium, some stainless steels, wire, and more!

R-C-410 – Rebarscope® Complete System includes Scan Cart and Rebarlinx™ Software

R-C-400 – Rebarscope® Basic System



Mini R-Meter™

Economic System for Rebar Location

R-HR-8100 – Mini R-Meter™ Complete System with PC Software

R-HR-8000 – Mini R-Meter™ Basic System



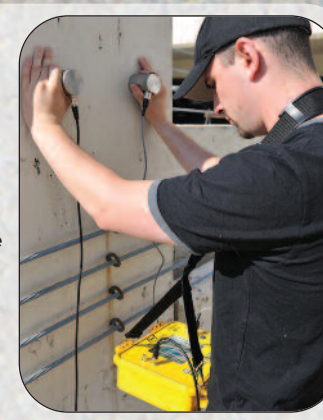
ULTRASONIC

V-Meter MK IV™

Ultrasonic Pulse Velocity System For Finding Voids and Cracks, and Determining Other Material Properties

V-C-400 – V-Meter MK IV™ Complete System

V-C-401 – V-Meter MK IV™ System w/o Software, include two 54KHz transducers



Emodumeter®

For Resonant Frequency Testing Determining Young's Modulus(E) and Poisson's Ratio

V-E-400 – Complete Emodumeter® System



Vu-Con®

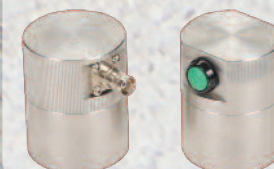
Impact Echo System For Field Evaluation of Concrete Structures and Concrete Thickness Determination

V-V-100 – Vu-Con® Complete System



Transducers

A complete line of low frequency transducers are available for every need.



MOISTURE

Aggrameter®

For instantaneous determination of the moisture content of sand, fine aggregate and coarse aggregate using a unique microwave sensor

T-T-100 – Aggrameter® Complete System



Cementometer™

Hand Held Microwave Moisture Meter for Water/Cement Ratios of Fresh Concrete

T-C-20 – Cementometer™ Type L Complete for Low w/c Ratios

T-C-10 – Cementometer™ Type R Complete for Normal Range w/c Ratios



Aquameter™

Moisture Meter for Concrete, Brick, Masonry, Wood and Other Construction Materials

T-M-170 – Aquameter™



Aquaprobe™

Advanced Microwave Soil Moisture Meter for Professional Use

T-S-30 – Aquaprobe™ Soil Moisture Meter Complete System

T-S-35 – Aquaprobe™ Soil Moisture Meter Basic System

