Digital Rebound Hammer & Low Impact Digital Rebound Hammer

NDT

JAMES INSTRUMENTS
Non Destructive Test Equipment

Test Well. Build Well.

Digital hammers for the quick and easy determination of the strength of concrete.

Product Information

James Instruments™ Digital Test Hammers are an advanced, completely automated system for estimating concrete compressive strength. Its calculation, memory and recording functions allow for quick, easy and accurate test results.

Discard values for multiple test results can be set. The mean, median and compressive strength can also be calculated. The addition of modern microprocessor technology allows the data to be stored, printed and transferred to a personal computer for further analysis, or inclusion in your reports.

The unit comes with an integrated alpha numeric digital display, and control panel and can switch between standard or metric units.

Digital Model W-D-1500/W-D-2000

Our Standard Test Hammer for the automatic calculation of mean rebound number, compressive strength and more. **Model W-D-1500** is the Basic System. The Complete System, **Model W-D-2000**, includes the Field Printer, PC connection and software for downloading. The field printer mounts on the belt for ease of use. Connection to a personal computer is via the USB interface.

Digital Model W-D-1505/W-D-2005

The Low Impact Test Hammer has a number of specialized applications. Like the Standard Test Hammer, it provides automatic calculation of mean rebound number, compressive strength and more. The Low Impact Hammer is typically used for thin concrete specimens such as sidewalks, bridgedecks and some driveways. The unit can be used on plaster and mortar as well to verify consistancy. The Low Impact Test Hammer is also used on brittle rock cores where a larger impact will damage the specimen. Finally, it is also suitable for paper and film rolls where the larger impact energy of a standard hammer will damage the surface of the material being tested.

Model W-D-1505 is the Basic System. The Complete System, **Model W-D-2005**, includes the Field Printer, PC connection and software for downloading. The field printer mounts on the belt for ease of use. Connection to a personal computer is via the USB interface.

Features & Benefits

Digital Model W-D-1500/W-D-1505

Basic systems for the automatic calculation of mean rebound number, compressive strength and more. Standard or Low Impact.

Digital Model W-D-2000/W-D-2005

Complete Systems – Standard or Low Impact – include the Field Printer, PC connection and software for downloading.

All James Test Hammers conform to:

ASTM C-805	USA
BS-1881-202	Great Britain
ISO/DIS 8045	International
EN 12 504-2	Europe
ENV 206	Europe
NFP 18-417	France
B 15-225	Belgium
JGJ/T 23-2001	China
JJG 817-1993	China

Strength   Locators   Ultrasonics   Corrosion   Moisture

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Specifications

Display	2x16 Trans " reflective
Construction	All Aluminum for rugged construction environment
Operating Temperature	0° to 50° C (32° to 122° F)
Batteries	2 AA
Approximate Size	100mm x 100mm x 270mm (4 x 4 x 10)
Approximate Weight	1.6 Kg (3.5 lbs.)
Printer Size	64mm x 49mm x 31mm (2.5 x 1.9 x 1.2)
Printer Weight	up to 0.270 kg (0.6 lbs) with paper
Battery	Internal Lithium ion with 1 yr. approx. life
Charger	100VAC " 240VAC 5 VDC 3.0A
Operating Temperature	0° to 50° C (32° to 122° F)
Software	Windows PC Compatible / USB interface required
Impact Energy W-M-1500/2000	2.2 Nm Standard Impact
Impact energy W-M-1505/2005	0.735 Nm Low Impact

Sales Numbers

W-D-1500 Digital Rebound Hammer Basic System
W-D-2000 Digital Rebound Hammer Complete System
W-D-1505 Low Impact Digital Rebound Hammer Basic System
W-D-2005 Low Impact Digital Rebound Hammer Complete System

Strength   *Locators*   *Ultrasonics*   *Corrosion*   *Moisture*