



James Concrete Test Hammers

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

Features and Benefits

Digital Model W-D-1000

- Automatic calculation of the mean rebound number and compressive strength: Digital display with built-in printer, PC connection and software for downloading.

Digital Model W-D-500

- Automatic calculation of the mean rebound number with digital read-out and averaging mode.

Manual Model W-M-350

- Records every test on chart paper. Easy to read and use.

Manual Model W-M-250

- Easy to use manual calculation of the mean rebound number.
- All James Test Hammers conform to ASTM C-805, BS-1881-202 and other international standards.

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Digital Concrete Test Hammers

Model W-D-1000

The WD-1000 is an advanced, completely automated digital test hammer. Its calculation, memory and recording functions allow for quick, easy and accurate test results.

Discard values from 1% to 99% can be set and both the mean rebound number and compressive strength can be calculated, displayed and printed as required. This instrument's unique database, dedicated software and interface, also permit test data to be transferred to a personal computer for further analysis.

Its unique 16-character digital display offers a menu of 5 languages from which to choose, as well as measuring units in the MPA International system or the PSI American system.



Model W-D-500

The W-D-500 features automatic calculation and digital display of the mean rebound number. It indicates the impact number, rebound number, average value, and mean value in double-digit figures on an easy-to-read LCD display. This precision instrument can display these numbers and values in one lot after all measurements are completed.

This is an ideal automatic hammer for quick and easy testing of the compressive strength of concrete where there is no need for recorded documentation of test data.



Manual Concrete Test Hammers

Model W-M-350

The W-M-350 Recording Test Hammer gives you the same quality as the W-M-250 but with the added feature of a built-in automatic chart recorder. Every test you take is automatically recorded as a bar chart on a paper strip. This creates a field record to verify your findings. In addition to this paper record, you can see each test as it happens through the large easy to read window. The W-M-350 comes with two rolls of paper, each with a capacity to record over 4000 tests.



Model W-M-250

The W-M-250 Manual Test Hammer is the traditional instrument used for the non-destructive testing of hardened concrete.

This easy-to-use instrument provides a quick and simple test for obtaining an immediate indication of concrete strength in various parts of a structure.

The minimum verifiable strength is 1400 PSI (10 MPa)



James Concrete Test Hammers



Calibration Anvil Model W-C-7312

It is recommended that calibration of the test hammers be checked regularly - usually after about 2000 strokes. The James Calibration Anvil (W-C-7312) has been designed for just that purpose.

The Calibration Anvil weighs approximately 35 lbs. (16kg) and should be ordered separately.

NOTE: All Test Hammers shown here have an Impact Energy level of 1.6 ft. lbs. (0.225 kgm) and come complete with carrying case and carborundum stone.

Sales Numbers & Specifications

Digital W-D-1000

Indication Mode:	16-Character digital read-out
Recording System:	Thermal printer and PC interface with dedicated software.
Weight:	16-1/2 lbs (7.5 kgs).
Dimensions:	12" x 8" x 8 1/2" (300 x 200 x 210mm).
Op. Temperature:	14°F - 122°F (-10°C to - 50°C).
Stand. Accessories:	Rechargeable batteries with charger RS-232 Interface 2 connector cables

Digital W-D-500

Indication Mode:	Digital read-out
Weight:	3-1/2 lbs (1.6 kg)
Dimensions:	5" x 5" x 14" (127 x 127 x 355mm)
Op. Temperature:	32°F - 140°F (0° C - 60° C)
Stand. Accessories:	size)Batteries (4 - "AA" size)

Manual Test Hammer W-M-350

Weight:	3.2 lbs. (1.4 kg)
Size:	5" x 3" 14" (127 x 76 x 355mm)
Shipping Weight:	6 lbs. (2.7kg)
Carrying Case Dimensions:	8" x 7" x14" (203 x 178 x 355mm)

Manual Test Hammer W-M-250

Weight:	2 lbs (0.9 kg)
Size:	10 1/2" (267mm) (with plunger retracted)
Shipping Weight:	6 lbs. (2.7 kg)
Carrying Case Dimensions:	15 1/2" x 11 1/2" x 2 1/2" (394 x 292 x 64 mm)

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