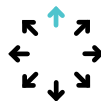Schmidt Rebound Hammers

Original Schmidt OS8000

Concrete strength and uniformity testing using rebound hammer technology

Simplicity

Test on-site and share results up to 80% quicker compared to analog hammers. Eliminate operator errors thanks to automatic impact angle correction and series evaluation according to standards.

Productivity

Cloud synchronization of your measurements. Comprehensive mobile apps and web-based functionality enhances productivity and makes instantaneous reporting possible.

Reliability

All mechanical components are Original Schmidt components to ensure durability and standards compatibility.

Schmidt App
Tech Specs

Workflow features	Voice read-out of each impact (only on iOS®) Logbook with geolocation, audio, image and text annotations Series statistics Single series reporting: PDF, CSV Test-region reporting (multiple series): PDF, CSV, uniformity report, EN13791 characteristic strength report
Display	Any compatible Apple® iOS device (please see App Store for details) Any supported Android™ device (please see Google Play Store for details)
Measurements	Test region reporting Select units, form factor and correlation curves Create your own custom curves Create custom curves databases for your own mixes
Verification features	Options: EN12504-2, Manufacturer's recommendation, JGJ-T23 User reminder when verification check on the anvil is required User guidance for verification procedure
Cloud features	Cloud synchronization Cloud-enabled Logbook Cloud-based report generation
Report Generation	Single, multiple series, test region (uniformity, EN13791)
Languages	English, German, Japanese, Chinese, Korean, Spanish, Portuguese, Italian, French, Russian

Instrument
Tech Specs

Instrument Firmware	Automatic calculation of rebound value according to international standards
Display	Analog & backlit digital (100 x 100 pixels, graphic)
Impact Energy	2.207 Nm (N), 0.735 Nm (L)
Compressive Strength Range	10 to >100 N/mm2 (1'450 to>10'152 psi)
Memory	Instrument memory > 20,000 impacts Display memory - Memory of iOS or Android device
Connections	Low energy Bluetooth®, USB for charging and updates
Measurements	Impact angle independent Displays the series on-screen as you work Series validity checked automatically Review an entire series Delete impacts
Battery	Standard AAA, alkaline or rechargeable
Battery Lifetime	> 20,000 impacts between charges
Operating Temperature	0° to 50°C
Languages	English, German, Japanese, Chinese, Korean, Spanish, Portuguese, Italian, French, Russian

Our Accessories

Image	PartNumber	Description
	34001301	Portable anvil for the OS8000 N/L For on-site calibration check as recommended by EN12504-2
	31009040	Testing anvil for the Original Schmidt N/L, OS8000 N/L For regular calibration check as recommended by EN12504-2
	34001067	For use with the OS8000, OS8200, PS8000, RS8000 Including printer, charging cable, belt loop and 1 roll of registration paper

Standards & Guidelines	Description
JCSE-G504	
JGJ-T23	
EN12504-4, EN13791	
GOST 22690-2015	
ACI 228.1R	
ASTM C 805	
ISO 1920-7	
JIS A1155	

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