



Schmidt Rebound Hammers Rock Schmidt RS8000

Rock testing using rebound hammer technology



High performance

Unique optical measurement system ensures low dispersion and maximum accuracy in comparison with classical hammers



Dedicated design

Swiss made hammers specifically designed for rock testing with multiple applications – UCS, E-modulus, weathering grade



Increased flexibility

Work with the hammer alone, or using the mobile app for fast documentation of your measurements and secure sharing via Screening Eagle Workspace



Software / Workspace App

Mobile app	Compatible with Apple® iOS devices (iOS 12 and later) Android 6.0 and higher
Workflow features	Voice read-out of each impact (only on iOS®) Logbook with geolocation, audio, image and text annotations Series statistics User definable conversion curves to unconfined compressive strength (UCS) and E-modulus Data export: CSV, pdf
Verification features	Software assisted verification on an anvil
Workspace	Screeningeagle.com - web based handling View and manage data Instant collaboration with colleagues worldwide Cloud back up of data
Languages	English, German, Japanese, Chinese, Korean, Spanish, Portuguese, Italian, French, Russian



Processing Unit / Sensor

Measurement	Automatic calculation of rebound value according to international standards
Technology	Optical rebound velocity quotient
Key features	Impact angle independent Displays the impacts on-screen as you work Select standard on instrument Work with hammer independently and upload later if desired to connected app. Connect to iOS, android and portable printer
Impact energy	N 2.207 Nm L 0.735 Nm
Display	Analog & backlit digital (100 x 100 pixels, graphic)
Connectivity	Bluetooth® LE, USB for charging and updates
Weight	0.84 kg / 1.85 lbs
Battery	Standard AAA rechargeable
Battery lifetime	>20'000 impacts between charges
Operating temperature	0 to 50°C / 32 to 122°F
Storage temperature	-10 to 70°C / 14 to 158°F
Operating humidity	<95% RH, non-condensing

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