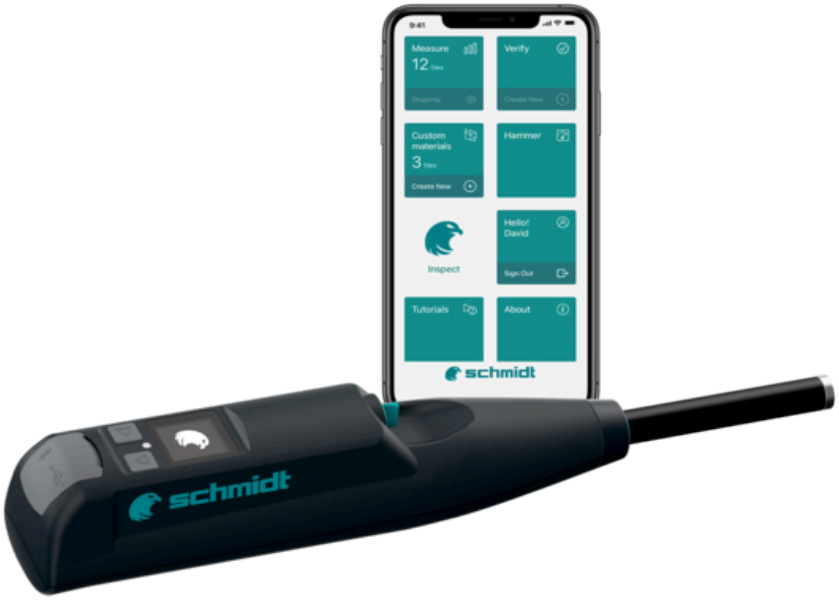
proceq
A Screening Eagle Company



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

Rock Schmidt App
Tech Specs

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

Download on the App Store

GET IT ON Google Play

Instrument
Tech Specs

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 betwen 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

Our Accessories

Image	PartNumber	Description
	34110400	Testing anvil for the OS8200 N/L, PS8000 and RS8000 N/L For regular calibration check as recommended by EN12504-2
	34101401	Portable anvil for the OS8200 N/L, PS8000 and RS8000 N/L For on-site 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
	34001057	Carrying case 340 01 057

Standards & Guidelines	Description
ASTM D 5873 (Rock)	
ISRM	Aydin A., ISRM Suggested method for determination of the Schmidt hammer rebound hardness: Revised version. Int J Rock Mech Mining Sci (2008), DOI:10.1016/j.ijrmms.2008.01.020.

SWISS MADE

Present in +100 countries, we serve inspectors and engineers all over the world with the most comprehensive range of InspectionTech solutions, combining intuitive software and Swiss-manufactured sensors.
www.screeningeagle.com

Request a quote

Machine translated & automatically generated (English version prevails): 27.07.2026
Copyright © 2023 Screening Eagle Technologies AG or its affiliates. All rights reserved.