



proceq GS8000 Pro Subsurface Mapping User Guide

[Home](#) » [proceq](#) » proceq GS8000 Pro Subsurface Mapping User Guide 



Contents

1 GS8000 Pro Subsurface Mapping

2 Documents / Resources

2.1 References

GS8000 Pro Subsurface Mapping



Quick Start Guide & Product Certificates

SWISS  MADE

Proceq GS8000 Pro

A		●
B		●
C		●
D		●
E		●
F		●
G		●
H		●
I		○
J		○
K		○

● Included
○ Optional

(A)



(B)



(C)



(D)



(E)



(F)



(G)



(H)



(I)

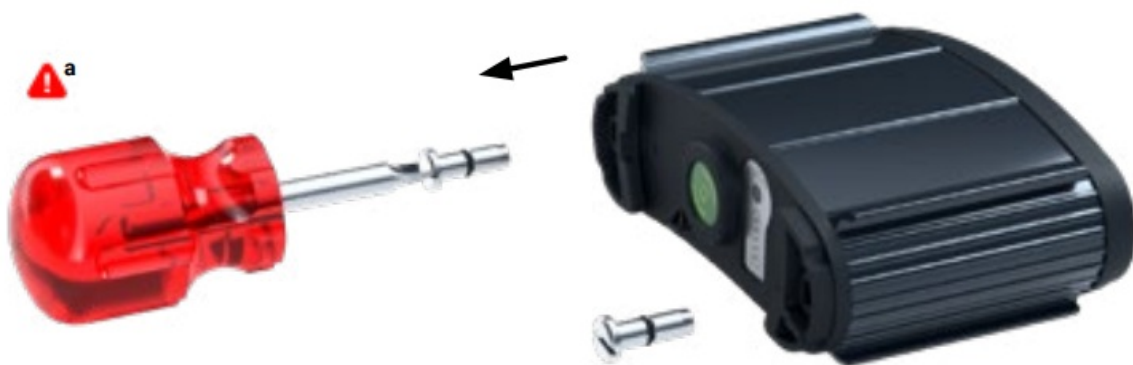


(J)



(K)





⚠ a. The product can be operated while powered by the battery pack, an off-the-shelf power bank (5V DC 2A), or a USB 2.0 charger and USB C Charging Cable.



⚠ b. Insert the AA rechargeable batteries while ensuring correct polarity. Alternatively, you can use non-rechargeable AA batteries. Warning: do not charge non-rechargeable AA batteries!



⚠ c. During storage for longer than 3 months, do not leave the batteries in the battery pack. Remove by following the reverse procedure.



d. **Green:** charging; off: charging complete; red: AA cells incorrectly inserted or temperature limit exceeded (wait or disconnect)

(2.1) Optional assembly



1





2



3



 e. Take care to avoid injury to fingers when connecting.

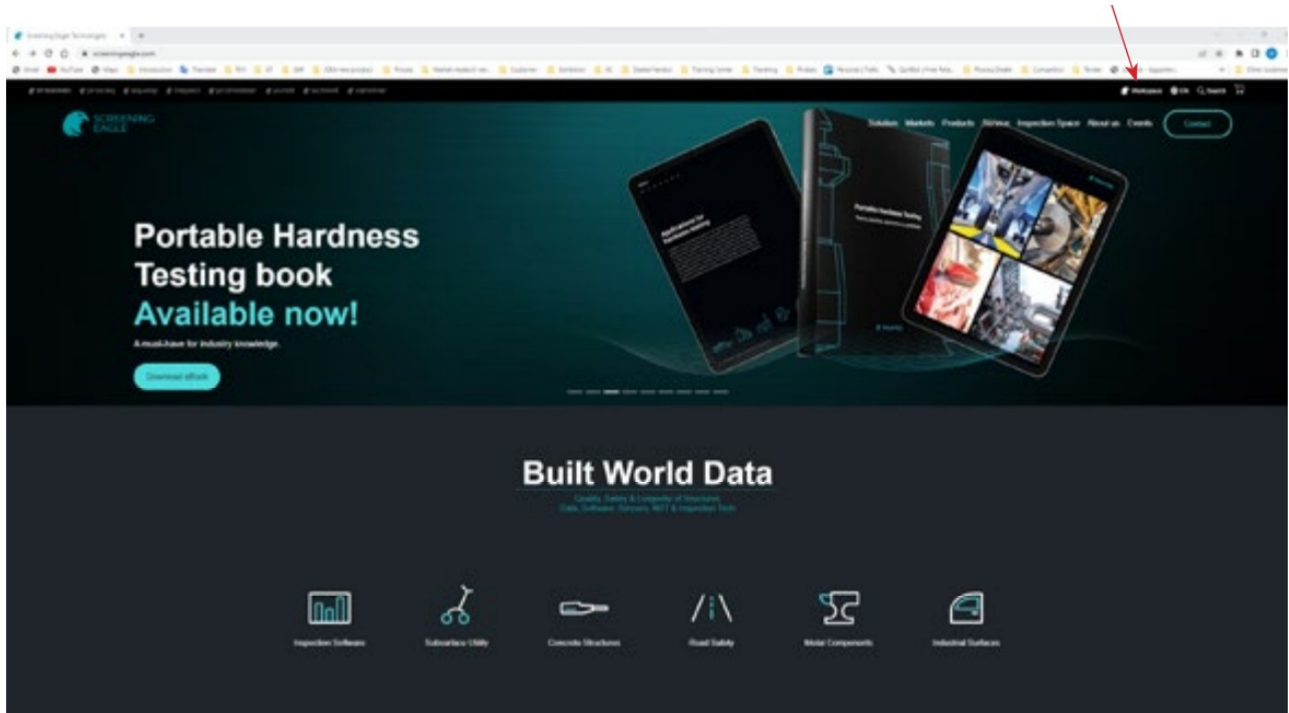
 f. Verify that the battery pack is securely connected to your base unit

4. Create your account:

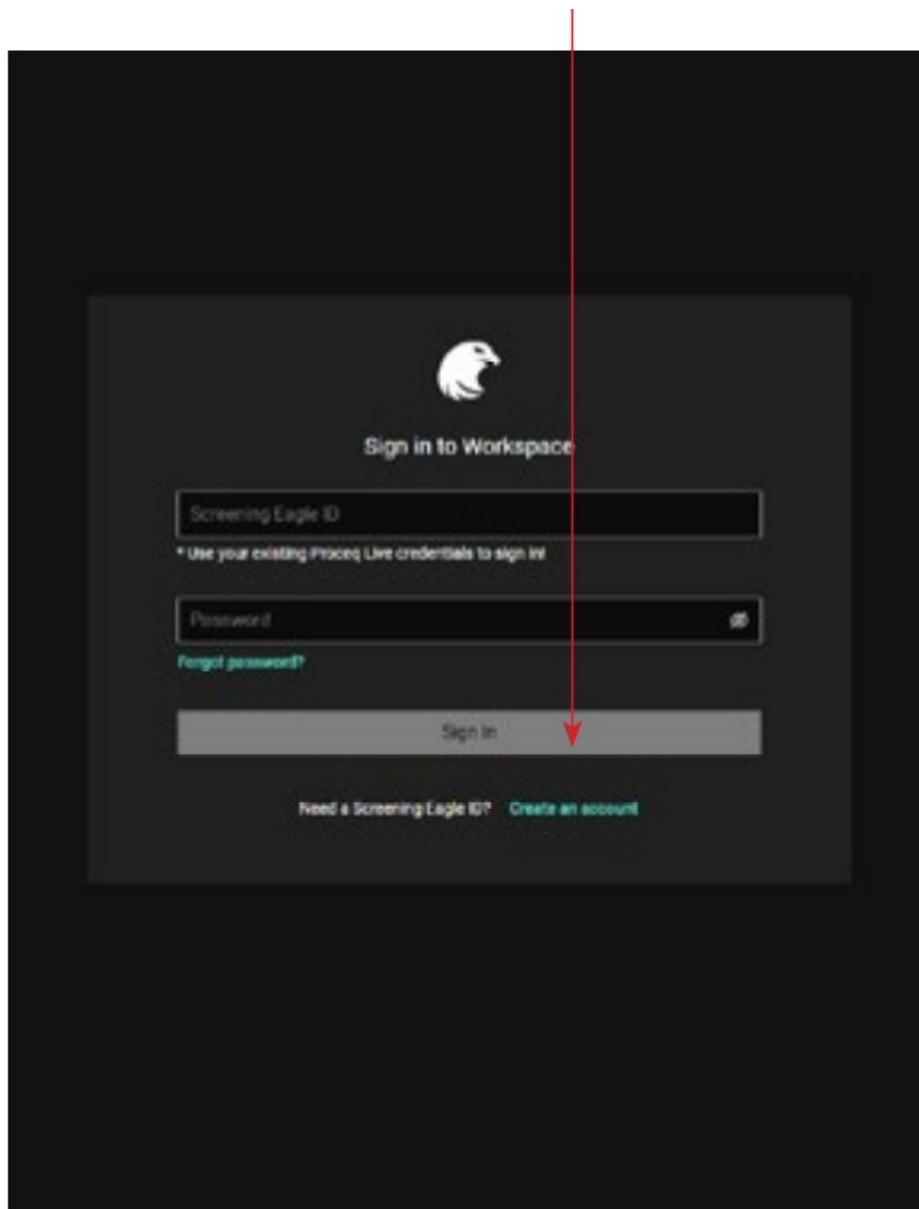
Open your browser and type: <https://www.screeningeagle.com/>
Then Select the voice: Workspace on the right up corner .
In alternative scan the QR-Code.




5. Select the voice:
Workspace on the right up corner



6. You have been redirected to how workspace page.
Press on the bottom: Create an Account



7. Insert your data and Submit.
The approval process will take few minutes



Sign up

Already have an account or you are a Proceq Live user? [Sign in](#)

* First Name

* Last Name

* Email address

* Company name

* Country

Phone Number

* Password

* Confirm password

* Required information

☐ I agree to the [Privacy Policy](#) and [Terms of Use](#)

Submit

This site is protected by reCAPTCHA and the Google [Privacy Policy](#) and [Terms of Service](#) apply.

8. Download the app “Flaw Detector Live” on the Apple® App Store



9



10

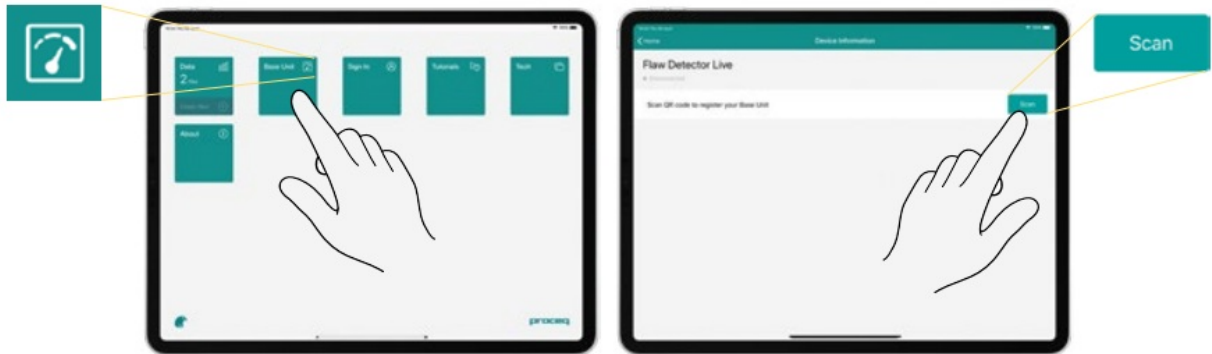


11



1 min

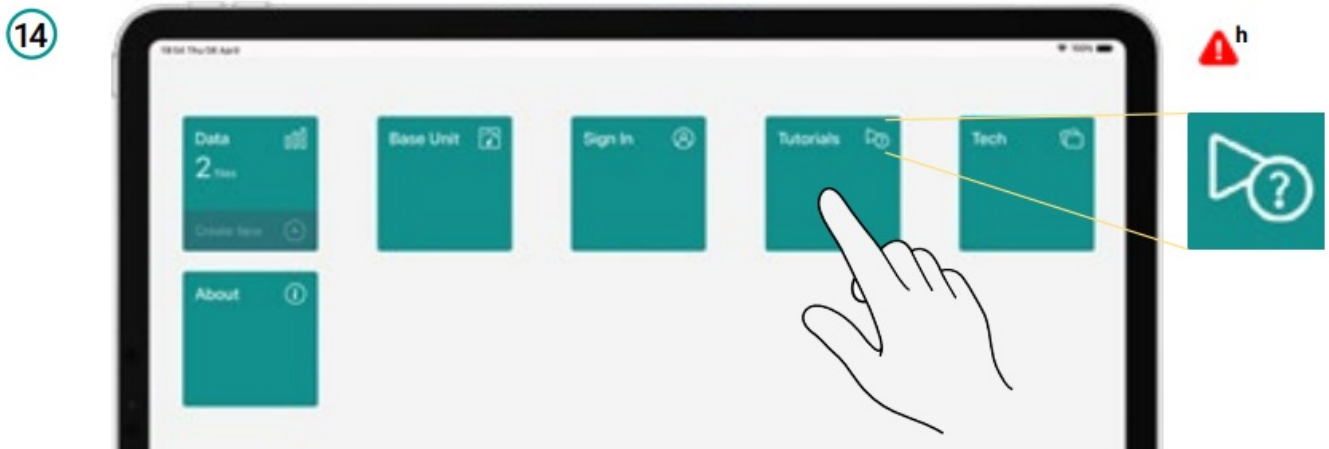
12





<https://www.proceq.com>

g. Scanning the QR code with an Internet connected tablet is only needed once, for the initial setup.



! h. The user should refer to appropriate textbooks on the subject of ultrasonic testing and thickness gauging for more information. It is important that you understand and observe this information to avoid any operator errors that might lead to false test results. Such false results could result in personal injuries or asset damage. This instrument is to be used only for testing materials in an industrial environment. Any use for medical applications or any other purpose is not permitted.

15



- i.** The cable connectors to be plugged in to the UT8000 device must be of type Lemo00. To avoid the risk of electric shock, do not touch the inner conductor of the Lemo00 connectors. Up to 400 V can be present on the inner conductor .
- j.** The IP67 protection will be permanently lost if the Wi-Fi connector seal is broken open
- k.** Always use equipment and accessories that meet Proceq specifications. Using incompatible, broken or poor-quality equipment could cause malfunction and/or damage, or human injury.

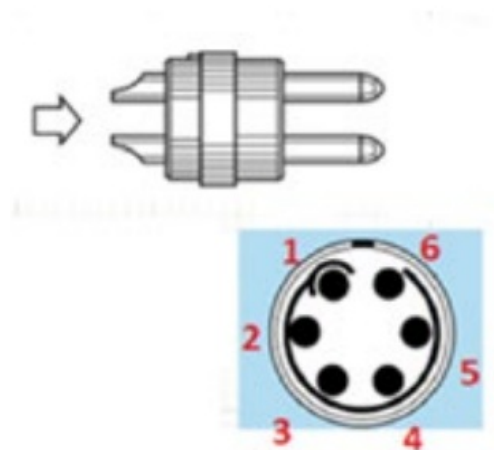
16



l. Verify that the base unit is securely attached on the belt holder or tablet holder.

m. Proceq makes no claims regarding the strength of the magnets and is not responsible for damaged equipment

17



1: +5V
2: Enc A (5V level)
3: Enc B (5V level)
6: GND

Scanning the QR code with an Internet connected tablet is only needed once, for the initial setup.

UK
CA

UK Declaration of Conformity

Products..... Proceq UT8000 Flaw Detector

Proceq Part Numbers..... 7931x500

Manufacturer..... Proceq SA, Ringstrasse 2 8603 Schwerzenbach, Switzerland

The object of the declaration described above is in conformity with relevant statutory requirements and designated standards:

Electrical Equipment (Safety) Regulations 2016 /.....S.1. 2016:1101

Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 1: General requirements EN 61010-1:2010

Radio Equipment Regulations 2017 SA. 2017:1206

Wideband transmission EN ETSI 300 328 V2.2.2

Ground- and Wall- Probing Radar applications EN 302 066 V2.1.1

ElectroMagnetic Compatibility (EMC) standard for radio equipment EN ETSI 301 489-17 and services V3.2.0

The Batteries and Accumulators (Placing on the Market) S.1. 2008:2164

Regulations 2008

The Restriction of the Use of Certain Hazardous Substances in S.1. 2012; 2032

Electrical and Electronic Equipment Regulations 2012

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances EN 50581:2012

P. Waller

Patrick Waller

Declaration of Conformity

Products Proceq UT8000 Flaw Detector

Proceq Part Numbers 7931x500

Manufacturer Proceq SA, Ringstrasse 2 8603 Schwerzenbach, Switzerland

We confirm that the product named above is in conformity with RoHS, WEEE and the following directives and standards:

Low voltage directive 2014/35/EU

Safety requirements, General requirements EN 61010-1:2015 / IEC 61010-1:2010

Radio Equipment directive 2014/53/EU

Wideband transmission EN ETSI 300 328 V2.22

Ground: and Wall- Probing Radar applications EN 302 066 V2.1.1

EMC Part 17: standard for radio equipment and services EN ETSI 301 489-17 V3.2.0

Battery directive 2006/66/EC

RoHS directive 2011/65/EU & 2015/863/EU

Assessment of electrical and electronic products with respect to EN IEC 63000-2018

RoHS

Fcc CFR47 Part 15

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This Class B digital apparatus complies with Industry Canada RSS standards. To comply with FCC and Industry Canada RF radiation exposure limits for general population, the transmitter with its antenna must be installed such that a minimum separation distance of 20 cm is always maintained between the radiator (antenna) and all persons and must not be collocated or operating in conjunction with any other antenna or transmitter.

Schwerzenbach, 31.Jul.2022

P. Waller

Patrick Waller



Swiss Made Declaration

Product: Proceq UT8000

Proceq Part Numbers: 793 10 500

Manufacturer: Proceq SA

Ringstrasse 2, 8603 Schwerzenbach, Switzerland

We confirm that the products named above were developed and manufactured in Switzerland and fulfill the requirements needed for the declaration "Made in Switzerland" or "Swiss Made".

The requirements for industrial products are specified in detail in the National Swiss Trademark Protection Statute (Art. 47-50, MSchG) covering goods and services.

Schwerzenbach, 20.05.2019

Patrick Waller

Chief Operating Officer

Notice

This document (incl. Quick Start Guide and Product Certificates) constitutes an integral part of Proceq's General Terms and Conditions of Sale and General Terms and Conditions of Rental, together with any other guideline, precautions, policies and conditions which Proceq has made and may make available to you at www.proceq.com/downloads, as amended from time to time (the Documents). Proceq reserves the right to change without notice any information, specifications and recommendations contained in this document and in any of the associated Documents.

You shall observe and be solely responsible for the safe and lawful use of and your own conduct while using this product, and any consequences thereof. The use and operation of this product is at your own discretion and risk. Proceq hereby disclaims any and all loss, liability or damages resulting from or out of your use of the product. Please ensure you operate and use this product only for purposes that are proper and in accordance with the instructions given herein together with all safety and health precautions, applicable laws, rules, regulations, and as

provided for in any of the Documents.

The English version of the content remains the official version.

All translated content should bear an appropriate notice to this effect.

v.1.1

For safety and liability information, please check www.screeningeagle.com/safety-and-liability

Subject to change. Copyright © Proceq SA. All rights reserved.


ASIA-PACIFIC Screening Eagle Singapore Pte. Ltd. 1 Fusionopolis Way Connexis South Tower #20-03 Singapore 138632 T +65 6331 4151	EUROPE Screening Eagle Technologies AG Ringstrasse 2 8603 Schwerzenbach, Zurich Switzerland T +41 43 355 38 00	USA, CANADA & MEXICO Screening Eagle 4001 West Park Drive Suite 125 Austin, TX 78727 United States T +1 724 512 0350
CHINA Proceq Trading Shanghai Co. Ltd. Part of Screening Eagle Room 701, 7th Floor, Golden Block 407-1 Yishan Road, Xuhui District 200030 Shanghai China T +86 21 6317 7479	UK Screening Eagle UK Limited The Bradfield Centre 184 Cambridge Science Park Road CB4 0GA, Cambridge United Kingdom T +44 1223 981905	Screening Eagle 117 Corporation I Aliquippa, PA 15015 United States T +1 724 512 0350
	MIDDLE EAST AND AFRICA Proceq Middle East and Africa Part of Screening Eagle Sharjah Airport International Free Zone, P.O.Box: 8365 United Arab Emirates T +971 6 5578505	SOUTH AMERICA Proceq SAO Equipamentos Medição Ltda. Part of Screening Eagle Rua Paes Leme, 100 Pinheiros, São Paulo SP 05424-010 Brasil T +55 11 3083 3600







82079301 | 11.2019

ScreeningEagle.com

Documents / Resources

	proceq GS8000 Pro Subsurface Mapping [pdf] User Guide GS8000 Pro Subsurface Mapping, GS8000, Pro Subsurface Mapping, Subsurface Mapping, Mapping
---	---

References

-  [Download - Protect The Built World](#)
-  [Screening Eagle Technologies - Built World Tech - Protect The Built World](#)
-  [Screening Eagle Technologies - Built World Tech - Protect The Built World](#)
-  [Download - Protect The Built World](#)
-  [Screening Eagle Technologies - Built World Tech - Protect The Built World](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.