

User Manual
Warranty

CERCA FORI 2.0



V I A N I N I
pietra e tecnologia

CERCA FORI 2.0 is a measuring instrument, for quarry use, to find the holes for the diamond wire cutting.

Symbols for these operating instructions for use

The important information for your safety.

Always observe these instructions, to avoid accidents and damage:



NOTICE! Prevent risks of your health and indicates possible risks of injury.



CAUTION: It indicates possible danger to the 'device or other objects'.



NOTE: Highlights tips and information.

Security measures

- Entrust the use of CERCA FORI 2.0 personally trained in the use;
- Remove CERCA FORI 2.0 from the packaging and for safety, keep the packaging (plastic, wood, polystyrene, etc.,) out of the reach of children;
- Verify that the power cord of the battery charger is intact and verify that the various components of the



instrument (suitcase and cables) have not been damaged during transport. **DO NOT** operate the unit if the cable 'damaged';

- Do not open / unscrew for any reason the panel into the suitcase;
- Before starting CERCA FORI 2.0, read the operating instructions carefully and keep them together with the warranty certificate, the proof of purchase (Invoice) and, if possible, the packaging; for any questions contact the support.
- Use CERCA FORI 2.0 exclusively for the intended purpose;



If the instrument gets direct water, unplug it from the power supply, turn it off and let it dry in a dry airy environment; stagnant water and moisture can damage seriously the instrument;



Not groped to repair CERCA FORI 2.0, but contact an authorized technician. In order to avoid the occurrence of dangerous situations, it is recommended to contact the manufacturer, or our Technical Support;

- To prevent overheating, do not cover the instrument when is running or in charging;
- During insertion and extraction of the probes in and out of the holes, do not yank the cables, to avoid possible breaks;



During insertion and extraction of the probes in and out of the holes, the cables must be kept in traction, so that they are not twisted or tangled inside the holes, as it may damage them severely;

- If the cables are damaged, they must be replaced by the manufacturer, or his agent, or service staff with similar qualifications, in order to prevent any risk;



When not in use, the instrument must be switched off and kept on charge;

The working temperature must be between -0 and +40 ° C;

- Carefully follow the instructions provided with this instruction booklet.



When the instrument is running, check that within 2 meters there is no charging device, or a source that can generate electromagnetic waves (current generators, high voltage cables, electric motors, etc.)

Battery Charge



- Before connecting the battery charger to the mains, make sure that the voltage charge corresponds to that prescribed by this, and that the supply line is sized for the required load;
- Use only the battery charger supplied with the instrument;
- When the battery charger is connected and is charging the battery correctly, the LED on the battery charger is red; when charging is complete the Led is green.



To preserve battery life, after the use the instrument should be kept switched off and charging.



The instrument should be kept constantly charged or loaded every 15-20 days, otherwise the batteries will lose charge and efficiency.

- The instrument switches off automatically after a time (from 20 to 30 minutes), or if the batteries are below a certain level of charge.

Instrument components

CERCA FORI 2.0 instrument is complete of:

- Thermoformed plastic case, digital, interactive, rechargeable suitcase with 7" display;
 - Electronic battery charger 100-230 Volt e 50-60 Hz;
 - Big probe 42mm. diam with 50mt. cable and reel (receiver);
 - Small probe 14mm. diam with 100mt. cable and reel (transmitter);
 - Stainless steel adapter for big holes (for transmitter);
 - Nos. 20 aluminium extendable bars 2mt. e.o., to introduce the probes in the no-intersecting holes.
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Use

Through the fitting of the probes into the non-intersecting holes, the instrument shows:

- if the holes are long enough or are short;
- if the hole is on the left/right, back/forth, above/under, as to the other.
- the minimum distance between a hole and the other.

So, it is necessary to move the drill parallel to the hole for the distance which appears on the instrument and to carry out a new correct hole.

How to Use

- 1) disconnect the battery charger from the mains
- 2) turn-on the instrument by pressing the green button ON-OFF



- 3) select the mode of use: complete instructions or fast use

- the COMPLETE INSTRUCTIONS mode will guide the operator step by step in using the tool

- the FAST MODE (*firmware 1.4.2*) will allow the operator to use the instrument in the same way as the previous model MG78



- 4) at the end of the use, turn off the instrument
- 5) connect the instrument at the battery charger

TO RETURN TO THE MAIN MENU OR INTERRUPT THE PROCEDURE:

press the Two green HELP buttons simultaneously for a few seconds

- to select START AGAIN, to repeat the procedure
- to select the HELP menu



FROM THE HELP MENU IT IS POSSIBLE:

- to select the Language
- to contact the seller



TO CHANGE THE SET LANGUAGE:

press the two green HELP buttons simultaneously for a few seconds and then press the button corresponding to the message shown on the display: SELECT LANGUAGE



TO KNOW THE FIRMWARE INSTALLED:

press the two green HELP buttons simultaneously for a few seconds and then press the button corresponding to the message shown on the display: CONTACT THE SELLER

Sometimes it is possible that there is a difficulty for the operator to understand how the RIGHT / LEFT position indicated in the procedures should be interpreted.

In the guided mode there is an image that explains the position of the probes:



Cleaning



The instrument must be cleaned after each use.

- To clean the suitcase inside and outside with a wet sponge water (**not dripping**) and then leave the clean parts in ventilated place, so that they are completely dry;
- It is recommended that the connector contacts are dried completely and regularly treated with antioxidant spray.
- To clean cables, cable reel and probes with a wet rag, so as to prevent the stone dust dries and forms encrustations, which could damage the cables and probes on the joints.
- Clean the aluminum extensions bars, paying attention at both ends, so that pins and springs for the interlocking of the bars, are not damaged.



Please NOTE:

Don't store any components inside the CERCA FORI 2.0 suitcase, not even the supplied battery charger, as they could cause damage to the plexiglass panel that protects the display.

Technical details:

Maximum measurable distance	200 cmt.
Maximum measurable distance left-right	150 cmt.
Measurement detection	back/forth left/right above/under
Display	7' digital interactive
Method of use	interactive
Suitcase containing the electronic circuit	thermoformed plastic, shockproof
International Protection with closed suitcase	IP55
International Protection with opened suitcase	IP50
Battery Charger	electronic 100-230 Volt and 50-60 Hz
Receiving probe	diam. 42mm. with 50mt. cable
Transmitting probe	diam. 14mm. with 100mt. cable
Supply	1 rechargeable battery 12V – 2,3 Ah
User manual	multi-language interactive digital
Working temperature	from -0 t +40 C°

(subject to change)

Serial number:

The serial Number of the instrument is indicated both on the external panel and on the internal panel:



Warranty

The CERCA FORI 2.0 is covered by warranty for 12 months from date of purchase, according to the regulated current.

The guarantee is EX WORKS.

If we resort to the guarantee, it is recommended to hand over HOLE FINDER complete in all its parts.

Cleaning and maintenance, and replacement of parts subject to wear and tear, wear or failure to failure to observe the rules of use, does not fall under the guarantee and hence are to be paid.

The guarantee is canceled in case of intervention by third persons not qualified and authorized by the manufacturer.

The manufacturer is not liable for damage due to the malfunctioning of or delay in the repair of the instrument.

Disposal



Protect the environment! Electronic products should not be disposed of as household waste.

For the removal of equipment, make use of the collection points provided for this type and put those tools that are no longer in use.

It thus contributes to avoiding a potential effect on the environment and human health, due perhaps to a wrong deletion. This means a personal contribution to the reuse, recycling and other forms of utilization of used electronic equipment.

You can find the corresponding information on the appropriate collection points in the local administrations.