

Presidium Quick Guide aims to provide users with a basic understanding of the tester. Users are recommended to refer to the online User Handbook which is available in the following languages:

- English
- Italian
- Chinese
- Russian
- French
- Spanish
- German

Scan the “User Handbook” QR code to access all languages online.



Scan the “Warranty Registration” QR code to register your product’s warranty.



1. GETTING STARTED

Powering up your ARI

- If electrical power is preferred, ensure that only the Presidium Universal USB Adaptor is used.
- If batteries are used, slide open the battery cover on the back of the tester, take note of the positive (+) and negative (-) directions when inserting the batteries into the tester.


Turning on your ARI

- Insert the probe tip into tester.
- Press and hold the power button to turn **ON** the tester.

Calibration of your ARI


- To start calibration, depress tip against black platform on the metal stone rest
- Follow the instructions on the screen to complete set up of your tester.

Tutorial Function

- The tutorial function  is conveniently located on the bottom right corner of the “home” page.

2

Tips for using your handheld tester

- The probe tip must be placed at a right angle or perpendicular to the facet of the gemstone for an accurate reading.
- Tests should be conducted on the table of the gemstone.
- Press Rotate Icon  to display the screen to your preferred viewing angle.

- Press Power Button to return to previous page.


Cleaning the Optical Probe Tip

- Hold the probe pen with the pen tip forming a right-angle (90-degree) with alcohol wipe.
- Gently move in a circular motion without retracting the tip.

Cleaning your gemstone prior to testing


- The gemstone should be clean and dry before testing.

Assessment of Optical Probe Tip

- Press Diagnostic icon  to assess the condition of fibre tip.

3

2. PERFORMING A TEST

- To begin testing, press the “Test” icon .
- Depress probe tip 90 degree perpendicular to the table of the gemstone. Testing will begin, you will need to hold the tester in this position till the testing bar on the screen is completed.
- During the test, do not remove the tip from the gemstone. The tester will detect a ‘lift’ from gemstone and test will have to be reconducted.

For mounted jewelry or gemstones:

- Hold the jewelry or gemstone with one hand and the tester with the other hand.
- Thumb and index finger must always be placed on the grip.

For testing loose gemstones:

- Place the gemstone on the metal stone rest and hold the metal stone rest with one hand while holding the tester with the other hand.
- Wear protective gloves to shield your skin from possible UV light exposure during testing if holding of loose gemstone in your fingers or the palm of your hands is necessary. It is otherwise recommended to place the stone on the stone rest during testing.

4

3. READING TEST RESULTS

The test results are indicated as follows:


Results	Description	Sound
Diamond	The tested gemstone has the characteristic light transmittance ability of a Type Ia diamond, suggesting that this could be a Natural Diamond	Single Beep
CVD/HPHT/ Type IIa	The tested gemstone has the characteristic light transmittance ability of a Type IIa diamond, suggesting that this could be a CVD/HPHT/Type IIa Diamond	Single Long Beep
Moissanite	The tested gemstone has the characteristic light transmittance ability of a Moissanite, suggesting that this could be a Moissanite	Double Beep

4. SHUTTING DOWN

- Press and hold the power button to initiate shutting down sequence.
- Remove probe tip from tester and keep it in probe tip case when not in use.

5. OTHER FUNCTIONS

Settings Function

- Press the gear icon  to enter the settings function.
- Adjustable Volume level and Language selection available by pressing on left/right buttons to toggle between selections



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(ARI)