

MOISSANITE TESTER INSTRUCTIONS - *model moiss-2*

The purpose of this tester is to distinguish between Moissanite and diamond *having first tested the stone on a diamond tester*. If the machine indicates *not Moissanite* AND the stone has tested 'diamond' on a diamond tester, then it is diamond.

1. The stone must be absolutely clean; also check that the stone is large enough (and that you can see it clearly) and that you are not working in extremes of temperature or humidity - see 'tips' overleaf.
2. Turn the knob to **ON** (it's just an on/off switch, there is no adjustment) and wait for the **READY** light.
3. Press the probe firmly in the centre of the stone at right angles.
 - **Two red lights above MOISSANITE (for about 1 second) and a beep = Moissanite**
 - **Green light above DIA (for about 1 second) = not Moissanite**

WARNING: the *DIA* light does **NOT** mean that you have a diamond unless it has tested as *DIAMOND* on a diamond tester.

TIPS

The stone must be absolutely clean, preferably by cleaning with a cotton wool bud soaked in alcohol. A layer of grease can give a false reading, it is not good enough to wipe the stone on your shirt.

Moissanite testers are not suitable for testing stones under 5 points, the current sparks onto the setting of the stone and gives false readings.

You *must* place the test-tip in the exact centre of the stone and at right angles, so be quite certain that you can see the probe and the stone clearly even if this means finding your reading spectacles or using a magnifier. If you do not have good close-up eyesight (or an eyeglass) and a steady hand you will have difficulty in testing stones as large as 10 points.

The reason for holding the tester so that you are touching the metal plate with one hand, and the setting of the stone (or metal stone-holder) with the other, is so that the electricity can go from the probe, all the way through your body, to the stone. Therefore, if you are insulated (by wearing gloves or by NOT touching the setting) you will get a false reading.

A MOISSANITE TESTER is designed to test stones that have tested 'Diamond' on a diamond tester. Some customers return their MOISSANITE TESTER complaining that, "All sorts of things show up as Moissanite even though they can't *possibly* be Moissanite!". They are right - but none show up as '*DIAMOND*' on a diamond tester.

The temperature must be between 18°C and 27°C, and humidity between 45% and 75%. This tester cannot, therefore, be used outside in the cold and damp, or direct sunlight, or in very cool air-conditioned rooms.

DISCLAIMER

All equipment must be used in conjunction with the user's skill, knowledge and experience. Under no circumstances shall QUICKTEST be liable for direct or indirect loss sustained in connection with any item. It is your responsibility to regularly check equipment against known samples, to ensure that it has not developed a fault.