

DiamondNite DN-1 Operation Instructions

*PRIOR TO TESTING, IT IS RECOMMENDED THAT THE TIP OF THE PROBE BE CLEANED BY GENTLY WIPING ACROSS A CLEAN SHEET OF PAPER *

1. TURN UNIT ON WITH ADJUSTMENT KNOB
2. WAIT UNTIL THE WAIT LIGHT GOES OFF AND READY LIGHT COMES ON; APPROXIMATELY 10 SECONDS
3. HOLD TESTER WITH RIGHT HAND SO THAT YOUR FINGERS ARE RESTING ON THE REAR METAL PLATE AND YOUR OTHER HAND MUST HOLD THE METAL HOLDING THE GEM STONE OR THE METAL TEST PLATE.
4. LIGHTLY TOUCH THE PROBE TIP IN THE CENTER OF THE GEM STONE. (Approximately 250mg of pressure) HOLD TESTER PERPENDICULAR TO THE TABLE OF THE GEM FOR THREE SECONDS.
5. IF IT'S A SIMULANT OR NON-DIAMOND, NOTHING WILL HAPPEN. IF IT'S A DIAMOND, THE BUZZER WILL RING AND THE GREEN LIGHT (**DIAMOND**) WILL COME ON FOR ABOUT 6 SECONDS. IF IT'S A MOISSANITE, THE TONE WILL CHANGE AND THE LIGHTS WILL SWITCH FROM GREEN TO RED (**MOISSANITE**) WITHIN 1/2 SECOND.
6. AFTER THE BUZZER IS FIRST HEARD, YOU MUST CONTINUE TO TEST FOR ONE SECOND BEFORE YOU TAKE THE PROBE OFF THE GEM STONE. THIS IS BECAUSE THE TEST FOR DIAMOND IS DONE FIRST. THE TEST FOR MOISSANITE IS COMPLETED 1/2 SECOND LATER.
7. IF THE TONE CHANGES WHILE YOU ARE REMOVING THE PROBE, YOU MUST RE-TEST BECAUSE YOU MAY HAVE CONTACTED THE METAL FINDINGS WHILE REMOVING THE PROBE.
8. TO SAVE THE BATTERY, TURN THE UNIT OFF AFTER TESTING. IF YOU FORGET, THE TESTER WILL REMIND YOU TO DO SO IN APPROXIMATELY THREE MINUTES.
9. IF THE YELLOW READY LIGHT FLASHES OR WILL NOT COME ON, YOU NEED TO REPLACE THE 9V BATTERY.
10. **As always some stones require further testing to determine what they are. In the case of some Moissanite stones especially the "Forever One" Moissanite testing as Diamond you need to do further testing such as checking for Double Refraction, and shining UV light source on the stone while testing.**

***** ALKALINE BATTERIES MUST BE USED; SUPER OR HEAVY DUTY BATTERIES MAY CAUSE UNIT TO MALFUNCTION*****

This DiamondNite tester is warranted for a period of two years. Warranty becomes void if the unit is opened.

Dymond Inc, shall not be held legally liable or responsible for any error in display indication or the interpretation thereof in the identification of any stones, minerals, gems or gemstones by the DN1 Tester. **Patent # US 6,439,766,B1**