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|---------------------|------------------------|-----------------------------|
| 1 Readout           | 6 Grounding Probe Slot | 11 Tester Plug              |
| 2 On/Off Switch     | 7 Test Probe Slot 2    | 12 Protective Pen Probe Cap |
| 3 Calibration Dial  | 8 Pen Probe Plug       | 13 Pen Probe Testing Tip    |
| 4 Test Plate        | 9 Grounding Plug       | 14 Replaceable Pen Probe    |
| 5 Test Probe Slot 1 | 10 Alligator Clip      | 15 Jewelers File            |

**Before using the Kee Gold Tester, please read and perform the following steps to achieve the best results:**

- Press the power button in so that it locks down. The meters needle will go to end of the platinum range.
- Plug the pen probe red lead into either left or right red (+) jacks on the tester.
- Plug the other end of the red lead into the red jack on the back end of pen probe.
- Place a piece of known 18K yellow gold on the clean and dry test plate.
- Remove the protective cap from the end of the pen probe to expose its testing tip.
- If any crystallization on the tip is present, gently wipe it off with a paper towel. Note that this can naturally occur when the pen is new or with prolonged storage.
- While holding the 18K yellow gold sample down on the testing plate with a finger, lightly touch the 18K sample with the pen probes tip. Please note that the pen will take 2-5 seconds to charge the first time it is used! Wait until the meter needle settles and comes to a stop.
- While touching the 18K sample with the pen probes tip, if necessary, adjust the calibration knob so that the needle falls into and settles in the center of the (white) 18K range.
- Now you can start testing gold and platinum samples. However, it is recommended that you periodically check the known 18K yellow gold sample and adjust the calibration as necessary.
- We recommend that a new user practices with other known gold karat values to become familiar with proper tester operation and compare unknown sample results to known samples for confirmation.

**TESTING THE BATTERY POWER LEVEL:** Before every use, test the battery to insure proper power. A low battery will not give accurate results. The Kee Gold Tester uses one AA alkaline battery as its power source.

- Push the power button to its ON position (the push button will stay down)
- Note that the meter needle will swing to the end of the platinum range on the scale. This indicates a good power level. You are ready to calibrate and test.
- If the needle does not swing to the end of the scale, the battery will need to be replaced. You may replace the battery by first removing the rubber "boot" that covers the back and sides of the tester. Then remove the two recessed screws on the back of the tester, and then separate the top and bottom of the tester. You may now gently remove and replace the AA battery.

**WARNING:** Always snap the protective cap over the pen probe tip after testing so that the cap completely closes over the rubber "o" ring on the pen probe and snaps into place. If you fail to do this, the pen probe will dry out and will no longer be usable. If the pen probe becomes dried out it will need to be replaced at the user's expense.

## TIPS FOR USING THE KEE GOLD TESTER

**CLEAN GOLD SAMPLES TO BE TESTED:** It is important to clean the surface of samples to be tested to remove any dirt and body oil that will otherwise build up. Clean the area on the test sample with the supplied jewelers file. After testing, the sample and the testing plate should be cleaned with a water dampened paper towel to remove any salt solution residue left on it from the pen probe.

**CLEAN PEN PROBE TIP:** Periodically wipe the pen probes tip with a clean and dry paper towel to remove any dirt or body oil build up.

**LIGHT PRESSURE ON THE PEN PROBE TIP:** Please gently touch the pen probes tip to the sample when testing. Excessive pressure will cause the fiber tip to distort which can shorten the pen probes life. If a small drop of salt solution runs off the fiber tip when testing on the test sample or the test plate, you must then wipe off all surfaces with a water dampened paper towel. If there is excessive moisture on the pen probes tip, it must be dabbed dry on a paper towel before testing.

**SALT SOLUTION ON THE PEN PROBE:** The salt solution in the pen probe is a delicate formula that cannot be diluted. Do not attempt to open the pen probe or the insert any other liquid or solid into the pen probe. If the protective cap on the pen probe is not properly replaced, a crust of salt crystals will form on the tip. While it may still be useable, this will reduce the life of the pen probe. Remove the salt crystals with a dry paper towel.

**REAR END OF PEN CAP:** On the rear end of the pen probe there is a twist-on cap where the red plug jack is located. It is important that this cap be hand tightened so that a good connection can be made between the back of the pen probe and the red test wire that plugs into the red jack plug on the end of the pen. Do not attempt to open the pen probe from the front of the back side.

**USE OF THE RED LEAD:** One end of the red lead plugs into the red jack on the back of the pen probe. The other end of the red lead plugs into the left or the right positive (+) jack on the tester.

**USE OF THE BLACK LEAD:** Only use the black lead if you would like to test a gold sample without it touching the silver testing plate (Example: while the gold sample is being worn.). One end of the black lead should be plugged into the black negative jack (-). The other end of the black lead has a cover over a spike tip. Remove this spike cover and attach the clip provided over the spike cover. Now you can clip onto a gold sample and touch that sample with the pen probe (connected to the red lead) for testing gold while off the testing plate. NOTE: It is not necessary to use the black lead for testing gold samples while on the testing plate.

## KEE GOLD TESTER DISCLAIMER/WARRANTY

Kee Gold Corp developed the Gold Tester to provide buyers and sellers of gold products the ability to make a preliminary, non-destructive assessment of the gold content. The instrument has proven to give reliable and relatively accurate assessments of gold content when used in accordance these instructions for the testing of traditional jeweler's gold alloys.

However, Kee Gold Corp. cannot and does not make any expressed or implied warranty or claim as to the accuracy of the Kee instrument and shall not be held legally liable or responsible for any errors on the part of the tester of the instrument in determining the content of gold or other precious metals through the use of the instrument.

Kee Gold Corp will not be held responsible for any legal actions, accusations, or warranties regarding gold content. All accuracy claims must be verified by a competent laboratory. Kee Gold Corp's liability is limited to the purchase price of the instrument only and shall not be held legally liable or responsible for any error in determining the content of gold. Do not try to disassemble the instrument (except to change the battery) as this will void the warranty.

**WARRANTY:** The Kee Gold Tester has a manufacturer's warranty of six (6) months for defects in material or workmanship. Users misuse or abuse is not covered by the warranty. The Kee pen probe is covered for a period of 30 days from purchase for manufacturing defects but will not be replaced if the user leaves the cap off the pen probe for any extended period of time. Any warranty claims should be sent to keegold.com