

Congratulations on your purchase of the AuRACLE AGT BLUE mobile gold and platinum tester by GemOro Superior Instruments, the most trusted name in testing instrumentation for the jewelry industry.

PLEASE BE CERTAIN TO READ THE ENTIRE EASY OPERATION GUIDE AND OWNERS MANUAL BELOW BEFORE USING YOUR GEMORO AURACLE AGT BLUE.

GemOro AuRACLE™ AGT BLUE
Mobile Gold & Platinum Tester
Easy Operation Guide

The AGT BLUE MUST be used while following the below easy steps and recommendations to get accurate test results.

STEP 1: ACCOUNT SETUP AND/OR SIGN-IN

After downloading the application and start running the AGT Blue app, you will first enter the Sign-In screen. For first-time users, at the bottom of this screen there will be a 'Sign Up' button. Press the 'Sign Up' button to begin creating your account. Once the required information is filled out on this screen, press the 'Submit' button and you'll be ready to sign in!

If you already have an account set up, simply enter your Username and Password in the appropriate fields at the top of the Sign-In screen.

Sign-In Tips:

- Username and password are CASE-SENSITIVE. Please make sure you remember any uppercase/lowercase sequences on your setup to ensure future log in success.
- Data connection is REQUIRED for successful login. Please see troubleshooting section for limitations of the application if no data is available.

STEP 2 : COMPONENT ASSEMBLY

Assemble the AGT BLUE components by attaching the pen probe to the AGT BLUE connection hub where indicated. Turn on the AGT Blue device to begin emitting the Bluetooth signal.

When first opening the application and logging in, the application will immediately scan for available devices to connect to. If your device has already been turned on, it should appear on the screen. Press the respective AGT Blue signal to connect to the device, then press 'Done' at the bottom of the screen. At this time, your devices should be connected and you'll be ready to move to the next step.

Tip: It is recommended that you keep your Apple device "on" at all times when using the AGT Blue device to ensure proper connectivity with the AGT Blue. Otherwise, you might have to reconnect via the 'Scan for Devices' each time you reopen your Apple device.

STEP 3: CHECK PEN PROBE & ELECTRICALLY CHARGE IT FOR USE Remove the pen probe cap, then dab the pen probe's felt tip on a clean, dry paper towel to clean it and absorb any excess pen probe solution, leaving the pen probe's felt tip the consistency of a normal felt tip pen or marker. ***With new pen probes, they are typically slightly overfilled to provide maximum usage and consequently, excess solution will likely come out when the pen probe is initially used and for a period of time thereafter. Therefore, the need to continuously dab the pen probe's felt tip on a clean and dry paper towel until the level of pen probe solution is reduced to***

the optimal level will be required. Be aware that if the pen probe solution drips from an overfilled pen probe and simultaneously touches both the gold or platinum and the testing plate it will not work. File a small area on the surface of the calibration piece that is non-plated 10K, 14K, 18K, 22K or 24K. Filing the metal is an important part of calibrating and testing gold, so always make sure this is done in order to get proper results. Rest the calibration piece on the testing plate with the filed area facing up. Check that the pen probe is working by holding it upright at an approximate 90° angle and gently yet firmly touching the very end of the pen probe's felt tip to the filed area of the calibration piece until the reading settles, which is typically in 2 to 3 seconds, yet sometimes it may take longer depending if the pen probe is new or has no charge at all. At this point the pen probe is charging and note that it is not important where the reading settles since it has not been calibrated yet. Repeat this process 3 times and wait for the test to complete each time. By repeatedly touching the calibration piece it is electrically charging the pen probe for use, which is a vital part of the start-up process.

Note: If you are not seeing any reaction when testing your sample gold piece, please refer to the troubleshooting section of the manual before proceeding.

STEP 4: CALIBRATION PROCESS

- **Use only common 10K, 14K, 18K, 22K, or 24K that is non-plated to calibrate the AGT BLUE. It is always best to calibrate on the piece that represents what you are testing the most. Be aware that 14K yellow gold with a high silver content above 7% will not provide a proper calibration. Also, gold with an uncommon mixture of alloys may not provide a proper calibration. Using the optional AGT BLUE 14K or 18K Yellow Gold Calibration Disc is recommended.**
- Touch the 'Calibrate' icon at the bottom of your screen and then cycle through the karats until the appropriate sample karat is found. Select 'Calibrate' at the bottom of the screen, then begin touching the felt tip of the pen probe to the sample piece.
- Lightly yet firmly always only touch the very end of the pen probe's felt tip to the filed area on the calibration piece at an approximate 90° angle to the gold. Do not move the sample or the pen around when calibrating. Slight movements during testing of the piece could lead to calibration failure and/or inconsistent results when testing other sample pieces.
- Once the calibration process has been completed, the screen will then return to the HOME screen and will run an initial test that should read to the karat calibrated and then read 'Test Complete'. You may now remove the pen probe's felt tip from the calibration piece. Your AGT BLUE should now be calibrated.
- To confirm proper calibration, touch the very end of the pen probe's felt tip to the calibration piece again to make sure that your calibration piece tests to the karat calibrated.
- If your AGT BLUE does not test correctly when rechecking, dab the pen probe's felt tip on a clean, dry paper towel and repeat the above steps. Trying an alternate calibration piece may also resolve the problem.

Tips to Calibration

- Ensure that the proper karat is selected for the sample gold piece used. Calibrating with on a different setting than the known karat of gold sample used will cause inaccurate results.
- Recalibrate your pen as necessary while in use.

- Strongly consider recalibrating when ‘Recalibration Recommended’ indicator appears on the HOME screen.

STEP 5: TESTING GOLD AND PLATINUM

- To test gold and platinum, always first file a small area on the surface of the metal and rest it on the testing plate with the filed area facing up and be prepared to test that area.

· Touch and hold the very end of the pen probe’s felt tip to the filed area on the metal until the ‘Test Complete’ message appears. Only touch the very end of the pen probe’s felt tip to the gold or platinum being tested. **BE CERTAIN NOT TO TOUCH THE SIDE OF THE PEN PROBE’S FELT TIP WHEN TESTING GOLD OR THE TEST RESULTS WILL RISE TO A HIGHER KARAT THAN IT IS.** Due to the various shapes of jewelry it may be beneficial to hold the jewelry on the testing plate with your fingers to stabilize it and make certain you are making good contact with the pen probe’s felt tip and the metal during the test.

Note: Removing the pen probe from the test piece will cause the display to reset to prepare for another test. If for some reason you need to retrieve your last test result (when not in session mode), you can refer to the ‘Karat or %’ section of the Calculator to retrieve your last test karat reading.

Tips on Testing

- If inconsistent test results are experienced always dab the pen probe’s felt tip on a clean, dry paper towel and as needed recalibrate the AGT BLUE while in use.

- Always replace the pen probe’s cap until it snaps on when not in use to avoid contamination and keep the pen probe’s felt tip from drying out.

STEP 6: PROGRAM SETUP – Payout calculation and Email receipt.

AGT BLUE automatically calculates your payout for individual pieces or entire lots of pieces based on your desired payout percentages. To input your payout percentages, swipe right on the HOME screen. Select SETTINGS. Market price of metals is automatically pulled in from the website Yahoo Finance Spot Price. You have the option to buffer that amount by entering a number less than 100% into the **Default Market Price %** field. Then enter your desired payout percentage in the **Default Payout %** field. Enter in the Custom Message field any message you might want to print on each customer’s receipt. Press SAVE button to store the Setup information.

STEP 7: SESSION MODE & PREPARATION OF SALES RECEIPT

Session mode will allow you to work with customers on a multi-piece level by storing multiple tests and payouts, as determined by the values set previously in Step 6. AGT BLUE will automatically prepare and email a sales receipt of the piece or pieces in a session. To start a session, press the **Start Session** button at the bottom of the HOME screen. Test a piece of metal according to STEP 5 above. Upon completion of the test, the Calculator will open prompting input of specific information about the piece tested:

Metal Type will carry forward from test performed.

User must Select Jewelry Type: Ring, Necklace, Watch, Ornament, Other

Karat or % will carry forward from test performed.

Enter **Product Weight** and press applicable mode: Grams (g), Pennyweight (dwt), Troy Ounces (ozt)

Spot Price / oz is internally calculated

Market Price is internally calculated (based on values determined in ‘Settings’)

Payout % is carried forward from values determined in ‘Settings’

Purchase Price is internally calculated, based on values set on ‘Product Weight’, ‘Market Price’ and ‘Payout %’

To test another metal piece in this session, press **Next Product** at bottom of the 'Calculator' screen.

Session Tip: You can note how many pieces are saved to the current session by referring to the numeric value at the top/right corner of the Calculator screen.

Continue the above process until you have tested all samples to your satisfaction. To complete preparation of Sales Receipt, press **Generate Receipt** at bottom of the 'Calculator' screen.

To Generate Receipt, select applicable purchaser from **Purchase By** field. **Note that users must first be created for this field to become active.** Next, select applicable parties to receive emailed Receipt. Then, enter customer e-mail address in **Customer Email** field. Finally, press **Send** at the top right corner and the application will then generate an e-mail through the account connected to your Apple device's e-mail program.

Note: At this point, you are composing an e-mail outside of the Auracle Blue application. You can add additional recipients, attach images, coupons, etc. at your own option. When you are finished, simply send the e-mail via the "Send" button.

Generate Receipt Tips

- Be sure to refer to the top/right corner of the 'Calculator' screen to ensure that the total number of pieces to be purchased by the customer are tallied here.
- Ensure that your session is entirely complete and all required e-mail information is entered properly BEFORE pressing the 'Send' button.

General Guidelines when using the AGT Blue Device

The AGT BLUE is an accurate testing device meant for the purposes of quickly and easily purchasing standard karat gold as well as platinum. It has been designed with the needs of a gold and platinum buyer in mind. Although the AGT BLUE is considered the most accurate electronic testers in its class, it is not meant to be used as a tool for rigorous scientific assay. There are many alloys used to create gold jewelry of the various colors (white, yellow, green and red). As the vast majority of gold being purchased is 10K, 14K and 18K, your AGT BLUE has been designed to primarily focus on these ranges, while still providing reasonably good, yet at times inconsistent testing results in the 22K and to a lesser degree in the 24K ranges.

As the gold content of a piece of gold moves closer to pure, the presence of other metals becomes smaller and the electro-chemical reaction has less contaminants to detect. As such, gold higher than 18K may test inconsistently among the higher karat ranges. It is important to note that over 99% of all gold stamped or cast of this quality is marked or stamped or backed by the mint that has produced it. Coins made of high karat gold are almost exclusively produced by government mints and there are many reference sources that one can turn to for their identification. From a practical perspective the gold of this purity is easy to identify by its rich color and you will observe that it is very heavy in the hand. All high karat gold will test with reasonable accuracy above the 18K+ ranges of your AGT BLUE, but it is best to rely on the visual karat marks, reference sources and common sense.

Troubleshooting & Helpful Tips

NO REACTION WHEN TESTING – At times, your device's Bluetooth may not properly sync with the AGT Blue device. To reset the connection, turn off Bluetooth on your respective mobile device. Open the AGT Blue

application, then re-enable Bluetooth on your mobile device. Swipe right on the HOME screen and select 'Scan for Devices'. Select the appropriate AGT Blue device. Your devices should be properly reconnected.

It is also recommended that you keep your device from turning into 'sleep' mode to ensure constant connectivity to the AGT Blue device.

NO DATA AVAILABILITY – To fully utilize all the features of the AGT Blue device and application, a data connection (WiFi, 4G or 3G data service) is required. **Signing in REQUIRES data.** However, once you are signed in to a particular device, as long as you do not select the 'Log Out' feature, your application still should load with you signed in. From here, your application will still function with the following limitations:

- Market Price will not populate a value.
- Account updates (such as adding users) will be unavailable
- Generating Receipts will be unavailable

ELECTRICALLY CHARGE THE PEN PROBE, CORRECT FOR INCONSISTENT READINGS AND RECALIBRATE: Each time the AGT BLUE is turned on **YOU MUST ELECTRICALLY CHARGE THE PEN PROBE (STEP 3) PRIOR TO CALIBRATING.** The AGT BLUE must then always be calibrated before using (STEP 4). It is also necessary to recalibrate the AGT BLUE as needed and dab the pen probe's felt tip on a clean, dry paper towel if inconsistent results are experienced. Recognize that the chemistry inside the pen probe is constantly changing over time as it is exposed to gold and other metals, contaminants, the environment and dirt. By recalibrating the AGT BLUE periodically and cleaning the pen probe's felt tip as needed, this allows the AGT BLUE to adjust itself to the chemistry in the pen probe at that time. Since the AGT BLUE can be calibrated in only a matter of seconds or the pen probe's felt tip may be quickly and easily cleaned if needed, these simple steps should be a regular part of problem solving and your testing process.

INCONSISTENT TEST RESULTS: RECALIBRATION WILL TYPICALLY FIX THIS PROBLEM SINCE THIS INDICATES THE AGT BLUE IS OUT OF CALIBRATION. Make sure the pen probe's felt tip is clean by dabbing it with a clean, dry paper towel and then follow the calibration STEP 4 of the Easy Operation Guide. If the AGT BLUE will not calibrate, the pen probe may be defective, spent or in need of replacement. Please note that it is recommended that for best results that you should consider replacing the pen probe if it is worn or it becomes excessively dirty from repeated exposure to costume jewelry, fake gold or other contaminants. A pen probe in this condition will begin to deliver erratic readings and these are good indicators that it should be replaced.

REGULAR CLEANING OF THE PEN PROBE'S FELT TIP AND TESTING PLATE: Always wipe off the gold particles and other metal particles coming from costume, gold-plated or gold-filled jewelry that may remain on the pen probe's felt tip to avoid contamination. The metal particles remaining on the pen probe's felt tip that are naturally rubbed off during the testing process, and especially metal filings from other karat gold, copper, brass or other base metals that have been filed and remain on the pen probe's felt tip could potentially cause incorrect test results. Therefore, regular cleaning when needed is important.

The pen probe contains a special saline solution that is safe, non-acidic, and non-toxic. Remove salt crystal buildup by dabbing the pen probe's felt tip with a clean and dry paper towel. Salt crystal buildup is a natural occurrence with this device. Using a warm, moist (from water only) paper towel, wipe off any salt crystal buildup from the calibration piece and the AGT BLUE testing plate area only. **Be aware that the pen probe solution will leave a stain if not wiped off immediately after it makes contact, so cleaning it right after this occurs is advised.** While this staining may occur, it will affect the testing plate's cosmetic appearance only and not impact the accuracy of the AGT BLUE. Remember to dry both the calibration piece and AGT BLUE testing

plate thoroughly. **Never expose the pen probe's felt tip to water or other chemicals.** Always replace the pen probe cap until it snaps on when not in use.

FILE ALL METAL BEFORE TESTING AND CLEAN THE FILE: Gold, platinum, gold-plated, gold-filled, tungsten and stainless steel must be filed below the surface before testing to produce accurate results. Do not file the metal over the AGT BLUE testing plate, as particles of the metal being filed will fall on it and potentially have an effect on the test results. This is a surface tester and the tester will read gold-plated and gold-filled as solid gold if not filed to the base metal. **Always wipe off the file.** Be aware that gold and other metal particles on the file that came from other karat gold, gold-plated or gold-filled jewelry that has also been filed with it could cause contamination from the metal to spread to the next piece you are testing if it is not regularly cleaned off.

TEST RESULTS ARE TOO HIGH: This is an indication that the AGT BLUE is out of calibration, or perhaps there is a presence of a high silver content, palladium or rhodium or possibly the side of the pen probe's felt tip is touching the gold while being used incorrectly by mistake.

IMPORTANT NOTE: If the calibration was not successful and the AGT BLUE will not provide accurate test results. If repeated attempts to calibrate the AGT BLUE are unsuccessful, it is likely that your calibration piece may have a higher karat flashing on it or something unusual about its composition that makes the reading inconsistent. If this occurs, an alternate calibration piece should be tried. Please never hesitate to call the GemOro AGT BLUE HELPLINE at 800.527.0719 or 214.351.0380 if needed and we will gladly assist you to quickly troubleshoot and fix any problems you may encounter.

OTHER PRECIOUS METALS

TUNGSTEN AND STAINLESS STEEL: Be aware that if tungsten or stainless steel isn't filed first it may test in the high karat range or even as platinum, but if it is filed it will then test as NA. **ALWAYS FILE IT FIRST!**

RHODIUM: Be aware that rhodium will react as platinum on the AGT BLUE. It is rarely used as solid finished jewelry, but instead is commonly used as a plating material to make white gold or platinum appear brighter or whiter. If white gold is plated with rhodium and filed, it will then test accurately or possibly as a higher karat than marked since it is taking an average reading of the two metals. **ALWAYS FILE IT FIRST!** If white gold tests higher than marked, it is probably rhodium plated.

PALLADIUM: Be aware that pure palladium will test somewhere between 18K and 24K on the AGT BLUE. In the case of palladium being mixed with gold it will drive the reading up to a higher karat than it is. If you see a reading on white gold that is higher than marked, it may very well be mixed with palladium. Since white gold doesn't exist in the 22K or 24K ranges, if you see a reading on a white metal in this range, be suspect.

WHITE GOLD WITH HIGH NICKEL OR HIGH SILVER CONTENT: Be aware that white gold with high nickel content may test as a lower karat than marked. While it could be under karat gold in this instance, it is likely the karat marked. White gold commonly has 4% to 7% silver content. If white gold has high silver content above 7% it may test as a slightly higher karat than marked, while reacting with a slow and consistent rise in the reading as a telltale sign.

CONDITIONS FOR IDEAL OPERATION

The GemOro AuRACLE AGT BLUE should ideally be used in the following environmental conditions. By not following these instructions you could possibly risk compromising the accuracy of the test.

- Use at Room Temperature. The AGT BLUE is a workhorse and is capable of performing well in most any normal or professional environment, with a room temperature of approximately 65-75F being the best. While it has proven to work just fine in temperatures as high as 100F, ideally it is suggested to avoid using the AGT BLUE in extreme temperatures so you may always obtain the best results.
- Test Dry Metal. The metal being tested must be dry. If the surface of the metal is wet or has any type of surface moisture or chemical contaminants it may not test correctly.
- Test Clean Metal. The metal being tested must be clean of any obvious dirt or chemical contaminants that might interfere with the electro-chemical reaction between the pen probe and the metal. The tester may be used otherwise with minimal concern for normal or light surface dirt.

AuRACLE AGT BLUE ADVANCED FEATURES

- The world's first Bluetooth enabled, electronic gold and platinum tester that works with Apple and Android devices.
- Assists to identify the karat of 6K-24K yellow, white, green and pink gold with a nondestructive test.
- If simple steps are followed, also assists to identify non-gold, gold plate and gold-filled material as NA.
- Assists to identify platinum.
- Test results are indicated on your mobile device.
- Tests most any size piece of gold and platinum jewelry that has a larger surface area than the end of the pen probe's felt tip.
- Immediate test results may be achieved with no waiting between tests.
- Replaceable pen probe provides thousands of tests if used properly.
- Pen probe uses no messy gel, no staining chemicals and no dangerous acid.
- Easy and fast push button calibration. Common 10K, 14K, 18K, 22K, 24K required to perform the AGT BLUE calibration.
- Includes: Micro connection hub/testing plate, pen probe, batteries and file. (Download of the application required on the Apple 'App Store' or Google 'Play' store before use)
- Assembled in the USA
- One year limited factory warranty

CAUTION: Disassembling the AGT BLUE micro connection hub will void the warranty.

USE COMMON SENSE BEFORE INTERPRETING THE TEST RESULTS

You should always follow some common sense guidelines before making your final determination of the karat or authenticity of the precious metal being tested. Please keep in mind that those misrepresenting fake jewelry as real can be extremely clever and will use many tricks to make you think it is real. Be aware that scam artists may allow you to test a real piece of gold jewelry and then while distracting you they will switch the piece for a fake.

GENERAL GUIDELINES TO FOLLOW WHEN USING THE AGT BLUE DEVICE

GUIDELINE A - Check the markings on the piece for a karat stamp (10K or .417, 14K or .585, 18K or .750, 22K or .916, 24K or .999, GF or gold-filled, GEP or gold electroplated, YGF or yellow gold-filled, RGP or rolled gold plated, etc.) and then if when tested the results indicate anything to the contrary, the metal should be suspect. Test results below the 10K range must be interpreted by the user and estimated whether it is 6K-9K. In the UK while 9K gold may be found, gold below this karat range is extremely rare, and the gold content is minimal. If the metal you are testing tests in a lower karat than you estimate as 9K or in a lower karat than is marked, it is advised to simply not buy it to avoid the risk.

GUIDELINE B - Be aware that any piece that tests as NA is not gold.

GUIDELINE C - Check the weight of the metal you are about to test and if it seems too light, while it could be hollow gold, it should be suspect as it is likely costume jewelry, gold-plated or gold-filled. Gold is a dense metal and has an associated greater weight than most other non-precious metals. Platinum is an even denser metal than gold, while weighing approximately 1/3 more than 18K gold.

GUIDELINE D - Check the color of the gold, and be aware that non-gold base metals are often flashed or gold-plated with 24K gold to enhance its color and consequently the gold color will look too yellow. Since 24K gold is a rich yellow color and this pure gold is very uncommon in jewelry, any rich yellow gold color should be suspect. Look for tarnishing or variations in the color and finish of the jewelry as a sign of it being a fake.

GUIDELINE E - Check the clasp used on the jewelry. Costume jewelry often has a spring ring style clasp and this should be suspect. Karat jewelry more often than not will have a lobster style clasp. Do not test the clasp only as it is common for a karat gold clasp to be attached to a fake gold necklace or bracelet in an attempt to fool you.

While these facts and guidelines will prove to be very helpful when buying gold and platinum, they should not be your only tools to determine the authenticity of the jewelry in question.

WARRANTY:

Your AGT BLUE features a **ONE YEAR LIMITED WARRANTY** against defects in materials and workmanship as determined by the factory. The pen probe is covered by a 30 day limited warranty against defects in materials and workmanship as determined by the factory. The pen probe is not covered against overuse, misuse and drying out due to the user not replacing the protective cap after use. These warranties become effective from the date of original purchase after the purchaser fills out the WARRANTY REGISTRATION FORM at www.gemoroproducts.com/warrantyregistration within 30 days of its purchase. If this criteria is not followed, the AGT BLUE will automatically be covered by a 90 DAY LIMITED WARRANTY from the date of your AGT BLUE purchase, as noted on the bill of sale (if supplied) or through the AGT BLUE serial number tracking system as interpreted by the factory. The purchaser shall incur the cost for return postage, insurance and handling for all warranty and non-warranty repairs and/or replacements. Warranty repairs and/or replacements will be shipped back to the customer FOB Destination to the location of the customer's choosing if located within the Continental United States (U.S.). Non-warranty repairs will be shipped back to the customer FOB Factory. Should the customer require the repair and/ or replacement unit(s) to be shipped outside the Continental U.S., the customer will be required to pay any related shipping charges and any related taxes/duties for the respective destination country regardless of whether it is a warranty or non-warranty claim.