



AUSTRALIAN JEWELLERS SUPPLIES PTY LTD

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it's about peace of mind.

Complete Test Acid Kit

Ref: 37-017-000

Kit Contains:

9ct Test Acid, 14ct Test Acid, 18ct Test Acid, 22ct Test Acid,
Test Stone and Wooden Storage Box

Instructions for use:

Testing Gold

Testing with the Touch Stone

1. Rub the metal to be tested hard against the testing stone to leave a testing wedge. Rubbing hard removes any copper off the metal.
2. Select the 22 carat test acid. Remove the cap and using the attached dropper place one or two drops of acid onto the test wedge. If the test wedge becomes darker (tanned) the metal is less than 22 carat. If the test wedge becomes less visible or disappears the metal is less than 22 carat. If the test wedge remains unchanged in both outline and colour the metal is 22 carat or more.
3. Repeat steps 1 and 2 using first 18 carat test acid then 14 carat test acid and finally 9 carat test acid. Observe the reaction for approximately 10 seconds for each test. If the acid affected test wedge becomes less visible and/or brownish the metal is of lower carat than the test acid used. The less visible the test wedge outline becomes the lower the carat. To determine intermediate degrees compare the four test wedges.
4. Clean the stone with linen after use. To remove any metal residue leave some watery 18 carat test acid on the stone for a few minutes.

Testing without the Touch Stone

1. Prepare an area for testing by lightly filing the surface using a fine needle file. This will help to expose any gold plated metals.
2. Select the 9 carat test acid. Remove the cap and using the attached dropper place one or two drops of acid onto the filed area. If the acid affected area remains unchanged the metal is 9 carat or greater. Proceed with step 3. If the acid affected area turns brown the metal is less than 9 carat. No further testing is necessary.
3. Wipe the filed area clean and repeat step 2 using first the 14 carat test acid then 18ct test acid and finally 22 carat test acid or until a result is achieved.

Testing Silver

Remove the cap and using the attached dropper place one or two drops of acid onto the wedge or filed area. Observe the reaction for approximately 10 seconds. If the acid affected area turns redish brown, then the item has silver content.

Testing Platinum

Remove the cap and using the attached dropper place one or two drops of acid onto the wedge or filed area. Observe the reaction for approximately 10 seconds. If the line completely disappears the metal you are testing is not platinum. If the material is platinum it should not change and keep its white, bright colour. Continue to observe for up to 3 minutes as 18 carat white gold can take this long for a change to be evident.

WARNING

This kit contains corrosive liquids. Avoid contact with the skin and eyes.

Read safety instructions before use. Refer to our website for the latest Material Safety Data Sheet.



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