

# PRO-ALLOY

Gold Purity Tester



*The Easy Way To Test  
Gold & Platinum Jewelry*

*Measure the purity of rings,  
chains, watches and more...*



- Instant gold karat reading
- Fast and accurate
- Non-destructive
- Protective case included
- Batteries included (1xAA)



We Change People's Fortunes



# Buy and sell gold and platinum jewelry with confidence!

## So now that you've found your fortune detecting – how much is it worth?

That's the potential dilemma facing every successful detectorist – you may know a friendly reputable jeweller who pays 'top dollar' for your treasure finds, or do you take your chances at the nearest unknown pawn shop?

While golden treasure may be instantly recognisable as soon as you uncover it, the gold karat purity rating could be anything from 9K to 24K and that dirty silver ring could even be platinum in disguise!

With the PRO-ALLOY gold tester there's no messing around with dangerous acids or having to scrape away a portion of your find and potentially damage its intrinsic value. Just place your item on the test plate, touch it with the attached probe, and determine its gold purity from the easy-to-read scale.

PRO-ALLOY is battery powered, so you can use it at home or take it detecting and cash in your finds on the way home!

### Valuable finds or costume jewellery?



### From the Expert...

*With all the different jewellery hallmarks these days it can be confusing trying to work out the quality of your treasure finds, but I recently started using the PRO-ALLOY Gold Tester which removed all of the guess work.*

*It's simple to use and gives peace of mind!*

**Mark Williams**

Detectorist and Blogger  
 Australia

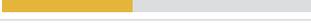
### What's included

- PRO-ALLOY meter
- Test probe set
- 1 x AA battery
- Protective meter cover
- Soft carry case
- Multi-language instructions

## Gold Karat Ratings

Jewelry will often carry a hallmark or stamp to denote what it is made of and its purity. Jewelry is sometimes stamped incorrectly, so be ahead of the game and double check your finds before you sell them!

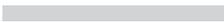
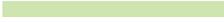
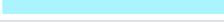
This graph shows some common gold karats, their hallmark and corresponding gold purity (fineness).

Karat	Hallmark	Purity (fineness)	Visual Representation
24K	999	99.99%	
23K	958	95.80%	
22K	916	91.60%	
21K	875	87.50%	
18K	750	75.00%	
14K	585	58.50%	
9K	375	37.50%	

Some jewelry is constructed from different alloys, and this might not be visually obvious. E.g, the claws holding a gemstone might be 9K gold whilst the band is 18K. PRO-ALLOY can test the different parts of a single item to help identify their karat ratings.

## Colored Gold Alloys

18 karat gold is not always the same color. Below are elements that are commonly used in gold alloys, and color types to look out for.\*

Gold	+	Palladium	=	White gold	
	+	Nickel	=	Grey gold	
	+	Copper	=	Rose gold	
	+	Silver	=	Green gold	
	+	Aluminium	=	Purple gold	
	+	Iron	=	Blue gold	

Gold, normally yellow, can be alloyed with additional elements to alter its color. If you've found something that looks fake, it pays to check it anyway as it could contain gold.

## Test Probe Replacement

The test probe supplied with the PRO-ALLOY is a consumable part that will need to be replaced.

A new probe is only necessary after several months if it's used frequently, or if the probe cap is left loose or off.



Visit [www.minelab.com](http://www.minelab.com)  
to find your nearest dealer

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 \* Gold colors in the diagram above are representative only.



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