

Ceres Diamond Testers

Ceres makes the jewelry industry's best and most trusted diamond testers to separate all known simulants (except moissanite) from diamond. The reasons are simple – Ceres diamond testers are easy-to-use, reliable and have a long service life.

Featured in all models:

- Lifetime limited factory warranty
- Fast warm up time
- Durable spring loaded tip
- Audible & visual diamond indicator
- Exclusive metal warning buzzer
- Made in the USA



Ceres CZeckpoint

The most popular diamond tester ever made, the CZeckpoint is powered by a rechargeable ni-cad battery and sold with an AC adapter/charger for 110V. Separates all known simulants (except moissanite) from diamond.

	part #	description	1	2-3	4+
A	156.760	Ceres CZeckpoint Diamond Tester	99.95	94.95	89.95

Ceres Reliance

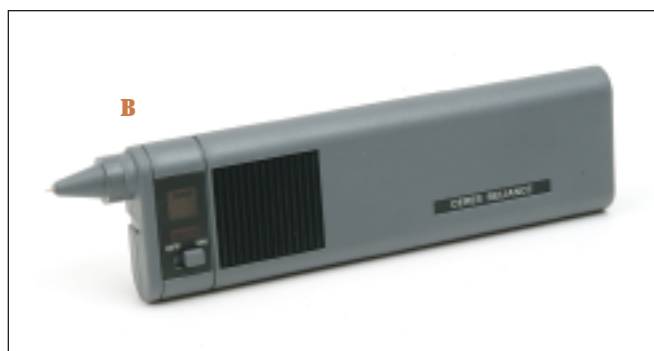
The Ceres Reliance is the same as the CZeckpoint, but powered by three AAA batteries. AC adapters are available separately.

	part #	description	1	2-3	4+
B	156.759	Ceres Reliance Diamond Tester	99.95	94.95	89.95
	156.761	Ceres Reliance AC adapter-110V	14.95	14.20	13.46
	156.761/220	Ceres Reliance AC adapter-220V	14.95	14.20	13.46

Ceres Reliance AC

The Ceres Reliance AC is the same as the CZeckpoint, but is powered by a built-in (does not disconnect) AC adapter for an 110V outlet.

	part #	description	1	2-3	4+
C	156.757	Ceres Reliance AC Diamond Tester	104.95	99.70	94.46



Three AAA battery reliance



AC reliance

Tech Note

Ceres diamond testers use a patented thermal conductivity test to separate diamonds from other simulants. Unfortunately moissanite has the same thermal conductivity characteristics as diamond, and will give a false positive on the Ceres diamond testers. Moissanites are doubly refractive and are easily identified by the informed gemologist with a 10x loupe. Separate electronic testers are available for testing moissanite and dual all-in-one testers are also available.

Presidium Gem Testers

Presidium makes a full line of gem testers for testing thermal conductivity, electrical conductivity and light reflectivity – all the basic electronic tests available today to help identify diamonds and other gems. Presidium testers are trusted for their quality and dependability. Presidium testers have a one year factory warranty.

Presidium Multi Tester

The Presidium Multi Tester is the premium all-in-one combine thermal and electrical conductivity tester for testing diamonds and moissanite. The retractable probe is placed against the stone to be tested and results are almost instantaneous. A visual light indicates orange for metal, red for simulant, yellow for moissanite and green for diamond. The metal indicator also responds with an intermittent beep while the positive test for diamond gives a continuous beep. Powered by three AAA batteries or by optional AC 120V adapter.

	part #	description	price
A	156.752	Presidium Multi Tester	249.95
	156.753	Optional AC adapter 120V	14.00



Presidium DiamondMate-A

The Presidium DiamondMate-A is a thermal conductivity tester that separates all known simulants (except moissanite) from diamonds. The test results are indicated by visual light and audible beeps, with the added feature of an intermittent beep if contact is made with metal. Powered by three AAA batteries or by optional AC 120V adapter.

	part #	description	price
B	156.751	Presidium DiamondMate-A	109.95
	156.753	Optional AC adapter 120V	14.00



Presidium Moissanite Tester

The Presidium Moissanite Tester uses an electrical conductivity test to positively identify moissanite. When this tester touches moissanite, a visual light and an audible continuous beep will be activated. There will be no response when any other stone is touched. Powered by three AAA batteries or by optional AC 120V adapter.

	part #	description	price
C	156.754	Presidium Moissanite Tester	129.95
	156.753	Optional AC adapter 120V	14.00



Presidium Gem Tester

The Presidium Gem Tester uses thermal conductivity to help identify diamond from most simulants (except moissanite) and will also help identify ruby vs. garnet, sapphire vs. tanzanite and emerald vs. jadeite. Using a needle indicator, the Presidium Gem Tester provides a quick and easy way to identify diamond and separate the most popular colored gemstones from one another. Powered by two AA batteries or with the included AC 120V adapter.

	part #	description	price
D	156.750	Presidium Gem Tester	159.95



Presidium Duotester

The Presidium Duotester combines thermal conductivity and reflectivity testing in one instrument. This unit has the same features and capabilities as the Presidium Gem Tester plus a digital reflectivity meter that will help with the identification of most colored stones and separate diamonds from moissanite. Powered by five AA batteries or with the included AC 120V adapter.

	part #	description	price
E	156.756	Presidium Duotester	379.95

Electronic Gold Testers

Now you can test metals safely and objectively, instead of the subjective tests based on hazardous acids and test needles. We sell the Tri-Electronics brand of gold testers. The first and best brand for reliability, ease of use and customer satisfaction.

Note: Electronic gold testers are made for testing jewelry items and not for testing dental gold or mined gold. They can help the operator distinguish between solid gold items and most gold plated items, but they possibly can test incorrectly for some heavy gold plated items and yellow gold filled items. A simple scratch with a file and then a test on the scratch will distinguish between solid gold and gold plated or yellow gold filled items. The operator must read all instructions carefully and should be familiar with gold jewelry. Gold testers are very accurate in helping the operator decide what the gold content is of solid gold jewelry.



GXL18 Gold Tester

The GXL18 is a reliable and accurate gold tester that gives added assurances to the operator and the customer that the test has been correctly made. The newest in the line of gold testers from Tri-Electronics, the GXL18 tests for gold content from 6 to 18K. The LED read out displays a reading that says "14 karat gold 585" or whatever gold content the metal has tested at in both USA and European standard so that both the operator and the customer whose gold is being tested can clearly see the results. The GXL18 uses a special conductive paste that is supplied in easy to load cartridges that fit into a trouble free dispenser. Testing is fast and easy. Detailed instructions included one year warranty. Made in the USA.

	part #	description	price
A	156.762	GXL18 Gold Tester	398.88
	156.766	Replacement Gel Tubes	15.00

GT3000 Gold Tester

The GT3000 is the most popular gold tester on the market today. This proven design fits most jewelers and pawn brokers needs in helping determine gold content accurately and dependably. Each time an item is tested, a number will appear on the LED readout. Simply read across the gold testing result chart on the front of the machine to find the correct karat. Due to the nature of the electronic testing and the varieties of the test procedures, a slightly different number can appear each time an article is tested. This information can help the professional operator decide whether the gold content is just barely 14K or slightly more than 14K. Simple and easy to use. Detailed instructions included. One year warranty. Made in USA.

	part #	description	price
B	156.782	GT3000 Gold Tester	189.88
	156.766	Replacement Gel Tubes	15.00



GXL24 Pro Gold Tester

The GXL24 Pro Gold Tester is made to allow testing of jewelry items from 6K to 24K. Because the testing above 18K can be very difficult, the GXL24 Pro uses the most modern technology to help the operator test the higher karats. Just like the GXL18, the GXL4 Pro has a consumer friendly LED read out that says "14 karat gold 585" or whatever gold content the metal has tested at in both USA and European standard. The GXL24 Pro gold tester uses advanced microprocessor technology, special highly sensitive programming, a special sensor and sensor gel to make it the most reliable tester of high karat gold jewelry. Not for testing dental alloys or mined gold. Detailed instructions included. One year warranty. Made in the USA.

part #	description	price
A 156.763	GXL24 Pro Gold Tester	498.88
156.767	Replacement Gel Tubes	15.00

GT4000 6 to 24 Karat Range

The GT4000 is the first gold tester to test above the 18 karat gold range. Like the GT3000, the numbered displayed on the LED readout must be cross referenced to the chart on the front of the tester to ascertain the gold content. Multiple testing while closely following the instructions will result in accurate testing above the 18 karat gold content. Uses special sensor gel like the GXL24 Pro. Detailed instructions included. One year warranty. Made in the USA.

part #	description	price
B 156.785	GT4000 6 to 24 karat range	324.88
156.767	Replacement Gel Tubes	15.00

Part for Tri-Electronic Testers

part #	description	1-2	3-9	10+
156.766	Gel Tubes for GT3000, GXL18, (TB289)	15.00	13.00	11.00
156.767	Gel Tubes for GT4000, GXL24, (TB24)	15.00	13.00	11.00
part #	description	price		
156.790	Testing plate for all testers Gt3000, GT4000, GXL18, GXL24	5.00		
156.783	Sensor for GT3000, GXL18, GT4000	35.00		
156.791	Sensor for GXL24	40.00		
156.789	Wire set for all testers	10.00		
156.788	Rotating sensor cap for all testers	5.00		
156.769	GXL24 Pro cleaning kit	10.00		
156.787	Bottom cap for all sensors	3.00		



**Otto Frei offers a complete range of shipping options:
Next business day delivery from UPS, Federal Express,
Airborne and USPS.**

Traditional Metal Testing

Traditional metal testing to determine the approximate gold content of jewelry is a subjective test that requires practice and experience. Simply put, testing is done by comparing the reactions between your test needle mark on a test stone and the mark made with the item you are testing on the test stone after you have smeared the marks with testing acid. If the reactions are similar, one may surmise that the gold content is similar.

Metal Test Sets

Our metal test sets contain three empty glass acid bottles with ground glass stoppers and applicators, a test stone, a set of test needles and instructions. The nitric and hydrochloric acids required for testing are not supplied and must be purchased locally from a chemical supply house.

	part #	description	price
A	156.699	Metal Test Kit with set of 5 test needles 10K-12K-14K-18K and 22K	54.95
	156.700	Metal Test Kit with set of 9 test needles 4K-6K-8K-10K-12K-14K-16K-18K and 20K	78.95

Metal Testing Tools

part #	description	price
156.748	Empty Wooden Box	13.75
115.100	Empty Square Acid Bottles	5.00
156.710	Test Stone Small	16.50
156.712	Test Stone Large	17.50

Metal Testing Needles

Small amounts of gold are applied to these needles in various karats.

	part #	description	price
B	156.706	Test Needle set of 4 10K-14K-18K and .999 Silver	23.75
C	156.707	Test Needle set of 5 10K-12K-14K-18K and 22K	29.95
D	156.705	Test Needle set of 9 4K-6K-8K-10K-12K-14K-16K-18K and 20K	39.95

Swiss-made Premium Testing Needles

These testing needles have small squares of solid gold in various karats attached. Unlike other test needles sets, these test pieces are solid through and through.

	part #	description	price
E	156.720	Premium Swiss-made Testing Needle set of 4 9K-14K-18K and 22K	109.95
F	156.719	Premium Swiss-made Testing Needle set of 9 9KY-9KW-14KY-14KW-18KY- 18KW-18KG 22KY-22KW	209.95

**A**