



PRESIDIUM® | Product Catalog

Dear Customer,

Welcome to Presidium's new product catalog, your one-stop source for Presidium gemological tools.

Since 1979, the Presidium brand has been synonymous with quality, precision and reliability. We remain committed to our values by constantly delighting you with innovative products, quality engineering and excellent customer service.

Browse through the wide selection of specialty products and contact any of our authorized resellers in our worldwide network for sales and purchase.

If you need help to find a reseller near you, please do not hesitate to contact us at marketing@presidium.com.sg. Do remember you can now register your product online for product warranty at www.presidium.com.sg.

Thank you for your support and we strive to continue providing you with precise gemological tools.

Yours Sincerely,

Joanne Yeo
Executive Director

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INTRODUCING


 The logo for OMI consists of a stylized 'O' made of three concentric, slightly offset circles, followed by the letters 'M' and 'I' in a bold, serif font. The entire logo is set against a background of fine, parallel diagonal lines.

As a one-stop software solution to store, analyze and manage all gemstone testing data, OMI features a workspace for users to organize their testing results from Presidium products, and automatically update firmware of the products.

<http://omi.presidium.com.sg/>

- Step 1:** Register as a new user
Step 2: Download OMI Comms when prompted
Step 3: Go to Workspace
Step 4: Click on test
Step 5: Plug in device and start testing

Compatible with Windows XP, Windows 7, Windows 8 or MAC OS X 10 and later.

Now available for use with:

- Adamas
- Synthetic Ruby Identifier (SRI)
- Refractive Index Meter II (PRIM II)
- Gem Computer Gauge (PGCG)
- Gem Indicator (coming soon)


 A sleek, black, cylindrical handheld device with a silver-colored tip. The word 'PRESIDIUM' is printed vertically on the black body. The device is shown against a dark, rocky mountain background.

Adamas

A REVOLUTIONARY INNOVATION



WINNER OF:



SINGAPORE
GOOD
DESIGN

The World's First Diamond & Moissanite Tester with Interchangeable & Micro Probe Tips

- Replaceable interchangeable probe tip
- Measures 0.01 carats with micro probe tip
- Powered via USB
- Ergonomic grip
- Dynamic display
- Compatible with OMI

Available at selected resellers only.

DIAMOND & MOISSANITE TESTER

ADAMAS

ADAMAS



PREMIUM

DIAMOND MATE TESTER

PDMT-A / PDMT-C



A pocket-sized instrument that instantly verifies the authenticity of diamonds based on their thermal properties.

Benefits

- Verifies authenticity of diamonds instantly
- Tests both polished and unpolished gemstones
- Tests diamonds as small as 0.02ct
- Consistent and reliable results every time
- Light and portable tester that can be used anywhere

Features

- Retractable thermoelectric probe tip that ensures constant pressure between probe and gemstone
- Industry's thinnest probe tip (0.6mm) for testing gemstones as small as 0.02ct
- Metal alert buzzer to ensure that probe tip is in contact with gemstone during testing
- Powered by 3 x AAA batteries (PDMT-A)
- Powered by rechargeable batteries (PDMT-C)

MOISSANITE TESTER II

PMT II



A pocket-sized instrument that instantly distinguishes moissanites from diamonds based on their electrical properties.

Benefits

- Specially designed to identify moissanites
- Tests moissanites as small as 0.05ct
- Consistent and reliable results every time
- No waiting time between tests
- Light and portable pocket-sized tester that can be used anywhere

Features

- Highly sensitive probe made of special grade polymer
- Clear and easy-to-read LED display
- Powered by 3 x AAA batteries
- Low battery indicator

MULTI TESTER III

PMuT III



A pocket-sized instrument that instantly identifies diamonds and moissanites based on their thermal and electrical properties.

Benefits

- Identifies diamonds and moissanites instantly
- Tests both polished and unpolished gemstones
- Tests diamonds as small as 0.02ct
- Consistent and reliable results every time
- Light and portable tester that can be used anywhere

Features

- Retractable thermoelectric probe tip for enhanced accuracy that ensures constant pressure between probe and gemstone
- Industry's thinnest probe tip (0.6mm) for testing diamonds as small as 0.02ct
- Ergonomic design with rubberized anti-slip grip for better handling during testing
- International voltage compatibility
- 180-degree multi-viewing LED display, catered to both left-handed and right-handed users alike

SRI

SYNTHETIC RUBY IDENTIFIER
BY PRESIDIUMSYNTHETIC
RUBY IDENTIFIER

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The only revolutionary desktop device to identify synthetic rubies. Instantaneously identifies synthetic flame fusion rubies through its high UV transmittance.

Features

- Helps to quickly identify the common synthetic flame fusion ruby from amongst known rubies
- Tests on both loose rubies and rubies mounted on jewelry with open-back setting
- Features user-safe materials and user-friendly ergonomics that give maximum sturdiness and grip, and convenient portability
- Provides ease of use and clear visibility of results
- Connects via micro USB or Bluetooth to OMI

SYNTHETIC RUBY IDENTIFIER

SRI

PREMIUM

GEM INDICATOR

PGI

SYNTHETIC
RUBY IDENTIFIERALL-
NEW

The All-New Presidium Gem Indicator is the only handheld digital tester in the industry specifically for colored gemstones.

Benefits

- Tests an extended range of 31 different gemstones
- Color separation function for more accuracy
- LED digital display and fast read-out
- Patented refined changeable probe tip

Features

- Differentiates between diamonds and other colored gemstones
- Tests up to 31 different types of gemstones
- Color separation function of 12 colors with user input, to improve accuracy
- Industry's thinnest probe tip (0.45mm) for testing gemstones from 0.2ct
- Retractable thermoelectric tip that maintains constant pressure against gemstone
- Patented refined changeable probe tip
- Metal buzzer alert and low battery indicator
- Internal library database function of gemstones and their colors
- Requires just 3 AAA Batteries
- USB connection to PC for more value-added functions

GEM TESTER / COLORED STONE ESTIMATOR

DUO TESTER

PGT / CSE

PDT



A light and portable instrument that instantly identifies diamonds and most colored gemstones based on their thermal properties.

PGT / CSE is the first colored gemstone thermal tester in the industry.

Benefits

- Identifies diamonds and estimates most colored gemstones
- Tests both polished and unpolished gemstones
- Tests gemstones as small as 0.02ct
- Consistent and reliable results every time
- Light and portable tester that can be used anywhere

Features

- Retractable thermoelectric probe tip that ensures constant pressure between probe and gemstone
- Industry's thinnest probe tip (0.6mm) for testing gemstones as small as 0.02ct
- Metal alert buzzer to ensure that probe tip is in contact with gemstone during testing
- Built-in diamond and simulant test discs for reference
- Powered by 2 x AA batteries or AC adaptor



The only gemological instrument in the industry that tests gemstones using both thermal and reflectivity testing.

Benefits

- Tests gemstones using both thermal and reflectivity testing
- Tests gemstones as small as 0.02ct
- Consistent and reliable results every time
- Clear and visible display for ease of reading measurements
- Light and portable tester that can be used anywhere

Features

- Retractable thermoelectric probe tip that ensures constant pressure between probe and gemstone
- Industry's thinnest probe tip (0.6mm) for testing gemstones as small as 0.02ct
- Metal alert buzzer to ensure that probe tip is in contact with gemstone during testing
- Easy-to-read analog dial and digital index LED displays
- Built-in diamond, simulant test discs, and simulant reflectivity chart for reference

REFRACTIVE INDEX METER II

DIAL GAUGE

PRIM II

PDG



A light and portable instrument that instantly identifies diamonds, moissanites, and colored gemstones based on their Refractive Index.

In its second generation, this instrument now comes with a USB port for connectivity to a PC and new software that includes a more comprehensive chart of refractivity indices to help identify the stone.

Benefits

- Identify diamonds, moissanites and colored gemstones instantly
- Continual elimination of the possible gemstones through values such as R.I., Color, Hardness and S.G.
- Tests flat-surfaced, polished gemstones
- R.I. liquid not required

Features

- Clear and easy-to-read direct R.I. LCD display panel
- PRIM II software with USB connectivity
- Built-in R.I. chart reference and bundled software with comprehensive R.I. and stone descriptors
- International voltage compatibility / Powered up by USB
- Portable and lightweight
- Compatible with OMI



An advanced digital computer gauge that measures gemstone dimensions.

Benefits

- Measures gemstone dimensions with accuracy to 0.1mm
- Clear and easy-to-read analog display with readings in mm/ct/ring size
- Simple and easy-to-use
- Light and portable instrument that can be used anywhere

Features

- Instantly converts millimeter readings to carats for round brilliant-cut gemstones
- Measures from 0.0 to 23.0mm
- 0.05mm instrumental error, with simple zero realignment
- Analog gauge with mm/ct/ring size display
- Smooth slider mechanism

ELECTRONIC GEMSTONE GAUGE

PEGG



A convenient digital gauge that measures gemstone dimensions.

PEGG is the industry's first electronic gemstone gauge and utilizes solid-state electronics to accurately measure up to 1/100mm.

Benefits

- Measures gemstone dimensions with accuracy to 0.01mm
- Direct carat conversion for round brilliant-cut diamonds
- Clear and visible digital display for ease of reading measurements
- Simple and easy-to-use
- Light and portable instrument that can be used anywhere

Features

- Measures from 0.0 to 25.0mm
- Accuracy of 0.01mm / 0.02mm instrumental error
- Direct digital millimeter/carat readout
- Touch button zeroing that allows the convenience of resetting to zero at any measurement point
- Smooth slider mechanism

GEM COMPUTER GAUGE

PGCG



A convenient digital gauge that measures actual gemstone dimensions and estimates gemstone weight and identity.

Benefits

- Measures actual gemstone dimensions and estimates gemstone weight and identity
- Measures 74 gemstones and 9 different shapes
- Direct carat conversion for round brilliant cut diamonds
- Light and portable instrument that can be used anywhere
- PC connectivity for ease of importing and printing measurement results

Features

- Measures from 0.0 to 25.0mm
- Accuracy of 0.01mm / 0.02mm instrumental error
- Computer interface display with CD and USB (Universal Serial Bus) connectivity
- Specific Gravity (S.G.) dictionary for quick and easy reference included
- Comes with CD that contains information on 133 gemstones (e.g., S.G. value, R.I. value and hardness) included
- Compatible with OMI

CARAT SCALE | LEGAL FOR TRADE

PCS 50 LFT



A certified “Legal For Trade”^{} portable carat scale that weighs gemstones up to 50.00ct.**

PCS 50LFT is the first portable carat scale to be certified “Legal For Trade” by the U.S. National Conference of Weight and Measurement.

Benefits

- Certified “Legal For Trade” in 34 states in the U.S.
- Weighs gemstones up to 50.00ct
- Clear and visible digital display for ease of reading measurements
- Simple and easy-to-use
- Light and portable tester that can be used anywhere

Features

- Available in 34 pre-specified locations in the U.S.
- Weighing Capacity: 10g/50.00ct / Readability: 0.002g/0.01ct
- Gram/carat/ozt/grain conversion
- Weight references provided
- Energy-saving auto power shutoff function 10 minutes after last measurement

** Meets requirements for commercial weighing and measuring equipment in the U.S. by the National Conference of Weights and Measures.*

CARAT SCALE

PCS 100



A reliable portable carat scale that measures gemstones up to 100.00ct.

Benefits

- Weighs gemstones up to 100.00ct
- Clear and visible display for ease of reading measurements
- Simple and easy-to-use
- Light and portable tester that can be used anywhere

Features

- Weighing capacity: 20g/100.00ct / Readability: 0.002g/0.01ct
- Gram/carat/ozt/grain conversion
- Weight reference provided
- Energy-saving auto power shutoff function 10 minutes after last measurement
- Low voltage indicator

INSIDE RING ENGRAVING MACHINE

ACCESSORIES

PIREM



A sturdy and reliable engraving machine that provides ease of customization by engraving letters onto the inner surfaces of a ring.

Benefits

- Accommodates wide range of ring sizes
- Variety of typefaces available as accessories
- Designed to be simple and easy-to-use with multi-language user manuals
- Strong and sturdy equipment build

Features

- Wide ring-holding capacity for ring sizes of 19 to 30mm diameter
- Adjustable letter spacing
- Single lettering template of height 1mm and 2mm included
- Flat base footed hold for sturdiness

ENGRAVING DIALS FOR PIREM

| Model | Specification | Sizes | Sample |
|---------|-----------------------------|-----------|------------------|
| PCD 011 | Standard English Block Type | 5mm, 10mm | PRESIDIUM |
| PCD 012 | Small English Block Type | 3mm, 4mm | PRESIDIUM |
| PCD 021 | Small English Script Type | 5mm, 11mm | <i>Presidium</i> |



DIAMOND SIMULANT SET

A collection of simulat stones for your reference



UNIVERSAL POWER ADAPTOR
(For use with power voltagess worldwide)

For models:
Adamas
PDT
PGT/CSE
PMuT III
PRIM

* Please note each model has its own adaptor.



PROBE PEN

For models:
PGT/CSE
PDT



POWER ADAPTOR

For models:
PCS
PDMT A & C
PMT I & II

* Please note each model has its own adaptor.

www.presidium.com.sg

Authorized Dealer

