

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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ADAMAS

INTRODUCING



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)



ADAMAS

DIAMOND MATE TESTER

PDMT-A / PDMT-C





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

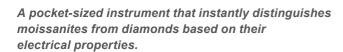
Benefits

- · 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

- 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)

PMT II PMuT III





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



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

- 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 PRESIDIUM



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.

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PGI

SRI





PREMIUM















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

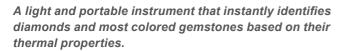
- · Differentiates between diamonds and other colored gemstones
- Tests up to 31 different types of gemstones
- Color separation function of 12 colors with user input, to improve accuracy
- Industry's thinnest probe tip (0.45mm) for testing gemstones from 0.2ct
- Retractable thermoelectric tip that maintains 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

DUO TESTER

PGT / CSE

PDT





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

- 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

PRIM II



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

PDG



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

- 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

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PEGG

PGCG



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

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- 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



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

Benefits

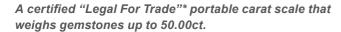
- Measures actual gemstone dimensions and estimates gemstone weight and identity
- · Measures 74 gemstones and 9 different shapes
- Direct carat conversion for round brilliant cut diamonds
- · Light and portable instrument that can be used anywhere
- PC connectivity for ease of importing and printing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

- · 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

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PCS 50 LFT PCS 100





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

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- · 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



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

- 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

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

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

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- 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	Presidium



DIAMOND SIMULANT SET

A collection of simulant stones for your reference



UNIVERSAL POWER ADAPTOR

(For use with power voltages 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.

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ENGRAVERS ACCESSORIES

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