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(English Version)

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I. Disclaimers, Exclusions and Limitations of Liability

PLEASE READ AND NOTE PRESIDIUM WARRANTY TERMS AND CONDITIONS as stated in the warranty card. Presidium warranty for its testers are subject to proper use by its users in accordance with all the terms and conditions as stated in the relevant user handbook and shall cover only manufacturing defects.

Due to continuous product improvement, Presidium reserves the right to revise all documents including the right to make changes to the handbook without notice and without obligation to notify any person of such revisions or changes. Users are advised to check Presidium's website <http://www.presidium.com.sg/> from time to time.

Presidium shall not be responsible for any damage or loss resulting from the use of this gauge or handbook, and under no circumstances shall Presidium, its manufacturer or any of its subsidiaries, licensors, distributors, resellers, servants and/or agents be liable for any direct or indirect damages, resulting from the use of this gauge.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, under no circumstances shall Presidium, its manufacturer or any of its subsidiaries, licensors, distributors, resellers, servants and/or agents be responsible for any special, incidental, consequential or indirect damages howsoever caused.

The gauge or Presidium Dial Gauge (PDG) referred to in this handbook is provided and/or sold on an "as is" basis. Except as required by applicable law, no warranties of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.

II. About this book

Thank you for purchasing the Presidium Dial Gauge (PDG).

This handbook is designed to help you set up your gauge and describes all you need to know about how to use your gauge accurately and take care of it in line with its requirements. Please read these instructions carefully and keep them handy for future reference.

This book also contains the terms and conditions in relation to the use of the tester including the **Disclaimer, EXCLUSION and Limitation of Liability clauses stated above in Section I.**

III. About your Presidium Dial Gauge (PDG)

The Presidium Dial Gauge is an easy-to-use analog gauge for measuring round brilliant cut stones with accuracy to 0.05mm. It features a clear display with readings in mm/ct/ring size.

The Presidium Dial Gauge features the following:

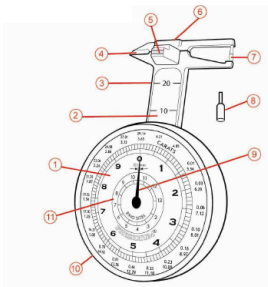
- Instantly converts millimeter readings to carats
- Measures from 0.00 to 23.00mm
- 0.05mm instrumental error, with simple zero realignment
- 0.1mm and/or 0.04 ct increments
- Analog gauge with mm/ct/ring size display
- Patented anvil
- Smooth slider mechanism
- Portable and lightweight
- Compact protective case included
- Auto-magnetic power off when placed in carrying case

Product specifications:

- Measurement range:
 - Gemstone (mm): 0.00mm to 23.00mm (0.1mm increment) - 1 revolution equals 10mm
 - Gemstone (carat): 0.01ct to 3.65ct (0.04ct increment)
 - Ring size (US size): Size 2 to Size 13
- 0.05mm instrumental error
- 0.10mm and/or 0.04ct increments

Included in your package:

- Presidium Dial Gauge
- High setting jewelry attachment
- Presidium Gemstone Weight Estimation Table
- Quick Guide
- QR Code Card
- Plastic carrying case



1	Dual Dial Face
2	Range Indicator
3	Slider
4	Wedge-shaped Points
5	Slider Anvil
6	Base Anvil
7	Protruding Probe
8	Jewelry Attachment
9	Pointer
10	Fine Adjustment Knob
11	Dial Ring Size

IV. IMPORTANT NOTICE

- Keep the tester dry. Precipitation and all types of liquids or moisture can contain minerals that will corrode electronic circuits. If your tester gets wet, remove the battery, and allow the tester to dry completely before replacing it.
- Do not use, store or expose the gauge in dusty and dirty areas. Its moving parts can get damaged.
- Do not use, store or expose the gauge in hot areas. High temperatures warp or melt certain plastics.
- Do not use, store or expose the gauge in cold areas. When the gauge returns to its normal temperature, moisture can form inside the gauge.
- Do not attempt to open the gauge other than as instructed in this handbook.
- Do not drop, knock, or shake the gauge. Rough handling might break the fine mechanics.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the gauge.
- Do not paint the gauge. Paint can clog the moving parts and prevent proper operation.

If your gauge is not working properly, kindly contact Presidium Customer Service at service@presidium.com.sg or:

Presidium Instruments Pte Ltd
Unit 7, 207 Henderson Road
Singapore 159550
Attn: Customer Service Executive

1. GETTING STARTED with your Presidium Dial Gauge

The Presidium Dial Gauge should be held in the palm of either hand. Control the slider with the thumb (**Fig. 1.1**).

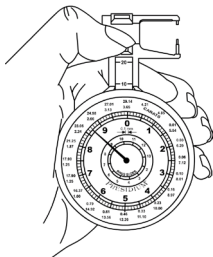


Fig. 1.1

Ensure that the needle pointer is pointing to zero. If it is not directed at zero, adjust it using the Fine Adjustment knob.

Turn the knob of the instrument either clockwise or anticlockwise to realign pointer to "0" position when necessary. Zeroing adjustment is necessary when using with jewelry attachment. (**Fig 1.2**)

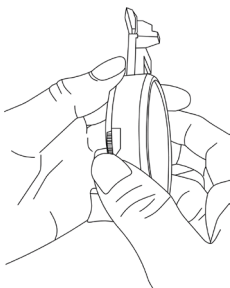


Fig. 1.2

2. PERFORMING A TEST with your Presidium Dial Gauge

When measuring loose stones, pull the Slider (**Fig.2.1**) and place the stone on the Slider platform. Note that the base of the stone should be parallel to the platform to prevent it from moving.

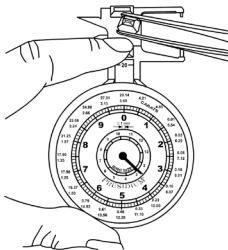


Fig. 2.1

When measuring mounted stones, insert the jewelry attachment to the gauge (**Fig. 2.2**) and place the stone between the jewelry attachment and slider anvil.

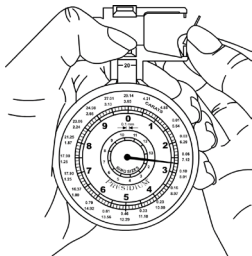


Fig. 2.2

Slowly close the Slider (**Fig. 2.3**), the reading will be shown directly on the Dial Face. With one measuring done, the Dual Dial Face will show you three readings: diameter in millimeter, weight in carat and ring size.

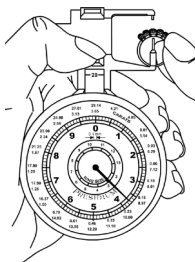


Fig. 2.3

Functions of your Presidium Dial Gauge

Use the Wedge Shape Points when measuring:

- Stones mounted in rubbed over settings
- Interiors of empty settings
- Ring size

Use the Projecting Probe when measuring:

- Depth of mounted stones
- Width and length of large, loose stones, especially fancy cuts

Use the Jewelry Attachment when measuring:

- Depth of stones in high settings
- Depths of stones in settings with small holes

3. READING TEST RESULTS on your Presidium Dial Gauge

In the first revolution, when the pointer travels from 0 to 0, it reads 0-10mm on the millimeter scale. At the same time, it shows a direct carat conversion of 0.01-3.65ct on the red carat conversion scale.

For example: Reading directly on the red scale, a round brilliant cut diamond measuring 4mm diameter will have an estimated weight of 0.23ct.

In the second revolution, it reads 10.1-20mm and a direct carat conversion of 4.21-29.14 on the black color carat conversion scale.

For example: Reading directly on the black scale, a round brilliant cut diamond measuring 12mm diameter will have an estimated weight of 6.29ct.

In the third revolution, the pointer will not go further after 23+mm, and it reads 20.1-23mm. No conversion was provided for stones above 20mm.

The Range Indicator indicates each time the pointer passes "0" 10mm or 20mm should be added to the reading.

4. TAKING CARE of your Presidium Dial Gauge

Your gauge is a product of extensive design and craftsmanship and should be treated with care.

Thank you for taking time to go through the user handbook which will enable you to understand your recent purchase better.

Presidium also recommends that you register your warranty by sending the warranty registration card to us or register online at <http://www.presidium.com.sg/>