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Dasqua 8400-0000

Dasqua 8400-0000 Digital Angle Gage User Manual

Model: 8400-0000

Brand: Dasqua

1. Introduction

The Dasqua 8400-0000 Digital Angle Gage is a precision measuring tool designed for accurately determining angles in various applications. Its compact size, flip-out display, and magnetic base make it ideal for setting angles on machinery and measuring objects with flat or round surfaces. This manual provides essential information for the proper setup, operation, and maintenance of your digital angle gage.

2. What's in the Box

- Digital Angle Gage with Flip-Out Display
- Protective Storage Case
- User Manual
- Warranty Letter



Figure 1: Digital Angle Gage and included accessories in its protective case.

3. Specifications

Feature	Specification
Model Number	8400-0000
Reading	0.1 degrees
Accuracy	+/- 0.1 degrees

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Repeatability	+/- 0.1 degrees
Unit Size (L x W x H)	2.2" x 2.3" x 1.3"
Product Dimensions	7 x 4 x 2 inches; 2 Pounds (packaged)
Special Features	Ultra-precise magnetic base, V-groove for round objects, Flip-Out Display
Manufacturer	ABS Import Tools Inc.
Country of Origin	China

4. Setup

4.1 Battery Installation

1. Locate the battery compartment on the side of the angle gage.
2. Gently open the battery cover.
3. Insert the required batteries (type specified on the device or packaging) ensuring correct polarity.
4. Close the battery cover securely.



Figure 2: Open battery compartment for installation.

4.2 Initial Power On

Press the **ON/OFF** button to power on the device. The flip-out display will illuminate, showing the current angle reading. Allow a few seconds for the device to stabilize.

5. Operating Instructions

5.1 Power On/Off

- Press the **ON/OFF** button to turn the unit on or off.

5.2 Zeroing the Display

To set a new reference angle (relative measurement) or to zero the display on a flat surface:

1. Place the angle gage on the desired reference surface.

2. Press the **ZERO/ON** button. The display will show 0.0 degrees, indicating the new reference point.

5.3 Absolute vs. Relative Measurement

- The angle gage can measure both absolute angles (relative to true horizontal) and relative angles (relative to a user-defined zero point).
- To switch between modes, press the **ABS/REL** button.

5.4 Using the Magnetic Base and V-Groove

The strong magnetic base allows the gage to attach securely to metal surfaces, such as saw blades or drill press tables. The integrated V-groove on the base is specifically designed for stable placement on round objects like pipes or drill bits, ensuring accurate measurements.



Figure 3: V-groove and magnetic base for versatile measurements.

5.5 Hold Function

To hold the current reading on the display, press the **HOLD** button. Press it again to release the hold and resume live

readings.



Figure 4: Control buttons for power, zero, mode, and hold functions.

6. Maintenance

- Keep the angle gage clean and dry. Wipe with a soft, lint-free cloth. Do not use abrasive cleaners or solvents.
- Store the device in its protective case when not in use to prevent damage.
- Remove batteries if the device will not be used for an extended period to prevent leakage and corrosion.
- Avoid dropping the device or subjecting it to strong impacts, as this can affect its accuracy.

7. Troubleshooting

7.1 Display Not Working / No Power

- Check if the batteries are correctly installed and have sufficient charge. Replace if necessary.
- Ensure the **ON/OFF** button is pressed firmly.

7.2 Inaccurate Readings

- Ensure the measurement surface is clean and free of debris.
- Re-zero the device on a known flat and level surface.
- Check for any physical damage to the device.
- Extreme temperature changes can affect accuracy; allow the device to acclimate to the ambient temperature.

7.3 Display Flashing / Low Battery Indicator

- This indicates low battery power. Replace the batteries immediately.

8. Warranty and Support

Dasqua products are manufactured by ABS Import Tools Inc. and are subject to a warranty period. Please refer to the included Warranty Letter for specific terms and conditions regarding your Dasqua 8400-0000 Digital Angle Gage. This typically covers manufacturing defects for a specified period (e.g., 2 years as per general brand information).
For technical support, troubleshooting assistance, or warranty claims, please contact your authorized Dasqua dealer or the manufacturer directly. Keep your purchase receipt and warranty letter for reference.
Note: *Any unauthorized disassembly or repair will void the warranty.*

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