

SEALEY

METRIC DIAL GAUGE 0-10MM 0.01MM GRADUATION

MODEL NO: **AK961M.V3**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instructions

1. SAFETY

- ☐ **WARNING!** Ensure Health and Safety, local authority and general workshop practice regulations are adhered to when using tools and equipment.
- ✗ **DO NOT** use the dial bore gauge if damaged.
- ✗ **DO NOT** drop. Handle with care.
- ✓ This is a precision instrument, always return gauge to the storage case.
- ✓ Maintain the gauge in good and clean condition for best and safest performance.
- ✓ Keep the work area clean, uncluttered and ensure there is adequate lighting.
- ✓ Ensure the work area floor is not slippery; wear non slip shoes.

2. INTRODUCTION

High-precision Ø60mm dial gauge engineered to din 878 standard, designed for accurate measurement, inspection and alignment tasks. Features a clear analogue display and smooth plunger action, making it ideal for workshop and engineering applications requiring consistent, repeatable results.

3. FEATURES (SEE RIGHT)

4. OPERATION

- 4.1. Before measuring, make sure the measuring head and rod are clean and check whether the pointer returns to correct position.
- 4.2. When using, adjust the dial indicator to the "O" position first. If the big pointer deviates from "O", turn the bezel outer ring to adjust, and then lock the outer ring with bezel clamp.
- 4.3. **Mounting the Indicator:** Secure the dial test indicator to a stable surface using a magnetic base or a stand. This will help maintain stability while taking measurements
- 4.4. **Positioning:** Adjust the indicator so that the contact point is perpendicular to the surface being measured. This minimizes cosine error, which can affect accuracy.
- 4.5. **Measuring Surface Flatness:** Place the contact point of the indicator on the surface you wish to measure. Move the surface or the indicator to find the highest and lowest points. The dial will show the deviation from the zero point, indicating flatness
- 4.6. **Checking Alignment:** For alignment checks, move the indicator along the surface or around the part. Observe the dial reading to identify any misalignment or run-out.
 - ✗ **DO NOT** clamp the bezel ring too tightly, as this will affect the movement of the measuring rod.
 - ✗ **DO NOT** measure workpieces that are moving at high speeds.
- 4.7. The tolerance range of the tested workpiece can be set by using the tolerance markers.

5. MAINTENANCE

- 5.1. Clean with a soft cloth, do not use any solvents.
- 5.2. Store avoiding extremes of temperature.
- 5.3. Handle with care.



- 1: Long pointer
- 2: Short pointer
- 3: Dust cap
- 4: Bezel clamp
- 5: Spindle
- 6: Contact point
- 7: Tolerance marker
- 8: Bezel
- 9: Dial



ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

Note: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

Important: No Liability is accepted for incorrect use of this product.

Warranty: Guarantee is 12 months from purchase date, proof of which is required for any claim.

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