

SUNHAIXIA A15DIY

SUNHAIXIA A15DIY Stainless Steel Diameter Perimeter Tape Measure User Manual

1. PRODUCT OVERVIEW

The SUNHAIXIA A15DIY is a specialized stainless steel tape measure designed for accurately measuring both the diameter and circumference of circular objects. It features a double-sided blade with imperial and metric graduations, allowing for direct readings of diameter or circumference.

Key Features:

- Designed for measuring diameters of pipes, cables, tires, trees, and other circular items.
- Double-sided blade for direct diameter and circumference readings.
- Durable polished chrome metal case.
- Easy-to-read, bold graduations for clear measurements.
- Compact size for convenient storage and transport.



Figure 1: The SUNHAIXIA A15DIY Stainless Steel Diameter Perimeter Tape Measure. This image shows the compact design and the retractable tape.

2. SETUP AND INITIAL INSPECTION

The SUNHAIXIA A15DIY tape measure requires no assembly. Upon receiving your tape measure, perform a quick inspection:

1. **Unpack:** Carefully remove the tape measure from its packaging.
2. **Inspect for Damage:** Check the stainless steel blade and the chrome case for any visible damage, bends, or defects that may have occurred during shipping.
3. **Test Retraction:** Gently pull out the tape blade to its full length (80 inches / 2 meters) and allow it to retract. Ensure the retraction mechanism operates smoothly without excessive friction or unusual noises.
4. **Verify Markings:** Confirm that the imperial (inches) and metric (centimeters) markings are clear and legible on both sides of the blade.

If any issues are found, refer to the "Warranty and Support" section for assistance.

3. OPERATING INSTRUCTIONS

This tape measure is designed for precise measurement of circular objects. It features a unique double-sided blade for direct diameter and circumference readings.

3.1 Measuring Diameter

1. **Identify Diameter Scale:** Locate the side of the tape blade marked for diameter measurements. This scale is specifically calibrated to display the diameter directly when measuring the circumference.
2. **Position the Tape:** Wrap the tape measure around the circular object (e.g., pipe, tree trunk) ensuring it is snug and level.
3. **Read the Measurement:** Where the tape overlaps, read the value indicated on the diameter scale. This value represents the object's diameter.



Figure 2: An illustrative thumbnail showing how to wrap the tape around a circular object to measure its diameter. Ensure the tape is flat against the surface.

3.2 Measuring Circumference

1. **Identify Circumference Scale:** Locate the side of the tape blade marked for standard length measurements (circumference). This is typically the standard linear scale.
2. **Position the Tape:** Wrap the tape measure around the circular object, ensuring it is snug and level.
3. **Read the Measurement:** Where the tape overlaps, read the value indicated on the circumference scale. This value represents the object's circumference.

The tape measure allows for measurements up to 80 inches (2 meters) in length, with a maximum diameter reading of 25 inches (64 cm).

4. MAINTENANCE AND CARE

Proper care will ensure the longevity and accuracy of your SUNHAIXIA A15DIY tape measure.

- **Cleaning:** Wipe the stainless steel blade and chrome case with a soft, dry cloth after each use to remove dust, dirt, or moisture. For stubborn grime, a slightly damp cloth can be used, followed by immediate drying.
- **Storage:** Store the tape measure in a dry environment, away from direct sunlight and extreme temperatures. Keep it retracted when not in use to protect the blade.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the markings or the case finish.
- **Prevent Bending:** Avoid sharply bending or creasing the tape blade, as this can compromise its accuracy and structural integrity.
- **Retraction Mechanism:** Do not force the tape to retract or pull it out excessively fast, as this can strain the internal spring mechanism.

5. TROUBLESHOOTING

If you encounter any issues with your tape measure, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Tape does not retract smoothly or makes noise.	Dust/debris in mechanism, worn spring, or internal misalignment.	Gently pull out and retract the tape several times. If the issue persists, avoid forcing it and contact customer support. Do not attempt to open the case.
Inaccurate measurements (especially metric).	Incorrect scale used, tape not flat/snug, or manufacturing defect.	Ensure you are reading the correct scale (diameter or circumference). Verify the tape is wrapped tightly and level. If accuracy issues persist, compare with a known accurate ruler. Contact customer support if a defect is suspected.
Blade is bent or creased.	Improper handling or storage.	A bent blade can affect accuracy. While minor bends might not severely impact readings, significant damage may require replacement. Handle with care to prevent future damage.

6. SPECIFICATIONS

Feature	Detail
Model:	A15DIY
Brand:	SUNHAIXIA
Material:	Stainless Steel Blade, Acrylonitrile Butadiene Styrene (ABS) Case
Blade Length:	80 Inches / 2 Meters
Maximum Diameter Measurement:	25 Inches / 64 Centimeters
Measurement Accuracy:	0.01 Inch
Product Dimensions (L x W):	41mm x 8mm (Case)
Item Weight:	0.03 Kilograms
Color:	Sliver
UPC:	732322227550

7. WARRANTY AND SUPPORT

SUNHAIXIA products are manufactured to high-quality standards. While specific warranty details are not provided, this product is typically eligible for a 15-day return period from the date of purchase, as per standard retail policies.

For technical support, inquiries about product functionality, or to report a defect, please contact the retailer or the manufacturer directly through their official support channels. When contacting support, please have your product model (A15DIY) and UPC (732322227550) available.

Please retain your proof of purchase for any warranty or return claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question