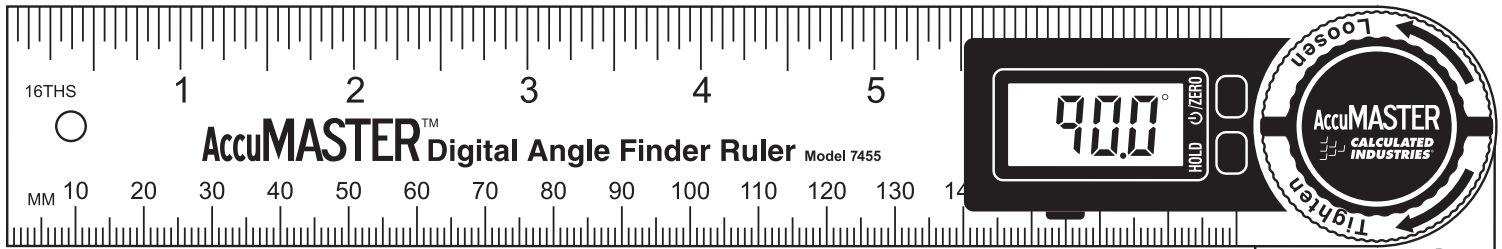


# AccuMASTER™

## Digital 7" Angle Finder Ruler

Model 7455

# USER'S GUIDE

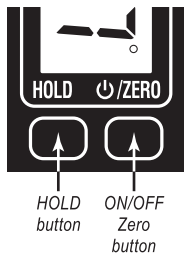


### Button Function

**ON/OFF Zero button** – Short press **ON/OFF** to turn on unit. Long press **ON/OFF** for more than 3 seconds to shut off. Unit automatically turns off if not used for 5 minutes, conserving battery life.

Press **Zero** to set zero at any point when unit is turned on.

**Hold button** - Press the button to “Hold” the display. The “H” icon will show on the screen. Press again to “unhold” the value on the screen.



### Operating Instructions

Press the **ON/OFF button** briefly to turn on the Angle Finder. Unit will shut off automatically after 5 minutes of inactivity.

Rotate the center knob clockwise to tighten/adjust the ruler arms.

Rotate knob counter clockwise to loosen/adjust the ruler arms.



### Angle Measurements

**Inside Angle Measurement** (Angles between 0° and 180°): With the Angle Finder turned on, place the closed ruler on a flat surface making sure both of the ruler blades are together and laying on the surface. Press the Zero button to set the LCD readout to zero°.

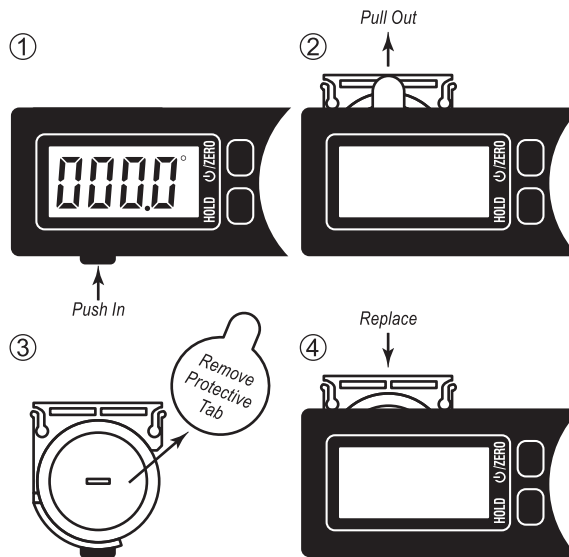
Rotate only one of the ruler blades clockwise to measure the inside angle. The measurement will appear in the LCD window.

**Outside Angle Measurement** (Angles between 180° and 360°): With the Angle Finder turned on, place the opened ruler on a flat surface making sure both of the ruler blades are opposite of each other and laying even on the surface. Press the Zero button to set the LCD readout to zero°. Rotate the ruler to measure the angle. The measurement will appear in the LCD Window. The unit will measure 0°-360° clockwise and counter-clockwise (continuous rotations after the first 360° will continue up to 999.9°). (To avoid errors, reset the tool as necessary.)

### Battery Instructions

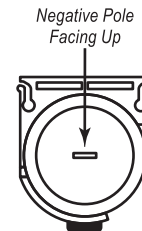
Upon receipt

1. Push “in” the tab located at the bottom of the LCD display. The edge of the battery tray will slide out from the upper side of the LCD display.
2. Pull the battery tray out.
3. Remove protective tab from the battery.
4. Push the battery tray back into unit until completely flush with the LCD housing.



### To replace the battery

1. Push “in” the tab located at the bottom of the LCD display. The edge of the battery tray will slide out from the upper side of the LCD display.
2. Pull the battery tray out.
3. Replace the battery in the tray with the negative pole of the CR2032 battery facing up.
4. Push the battery tray back into unit until completely flush with the LCD housing.



### Troubleshooting

Problem	Possible Cause	Solution
No display or ambiguous	Lower voltage, no battery or incorrect installation of battery	Reinstall battery or replace battery
Display flashes on and off	Battery running low on charge	Replace battery
Erratic display	Malfunction caused by high vibration or strong swinging	Zero setting
Number skip or frozen display	Internal error	Remove battery, wait 1 minute and replace

## Technical Specifications

Accuracy	+/-0.3°
Resolution	+/-0.1°
Measuring Range	000.0°-999.9°
Power Supply	CR2032
Working Temperature	32-122°F, 0-50°C
Working Humidity	≤85%RH

## Includes:

Protective case, (1) CR2032 battery, user guide and 2-Year Limited Warranty

### ATTENTION! Register your product purchase online.

Your product is covered by a Limited 2-Year Warranty which you may also view online.

To ensure you receive the latest product information, please register your product at: [www.calculated.com/register](http://www.calculated.com/register)

Thank you for choosing a high quality Calculated Industries measuring device.

### DO NOT RETURN THIS PRODUCT TO YOUR DEALER

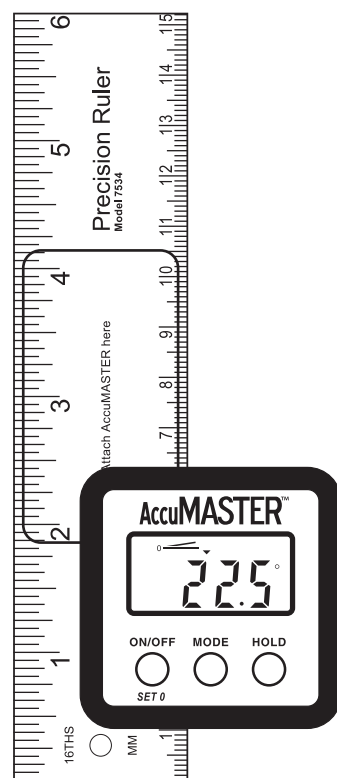
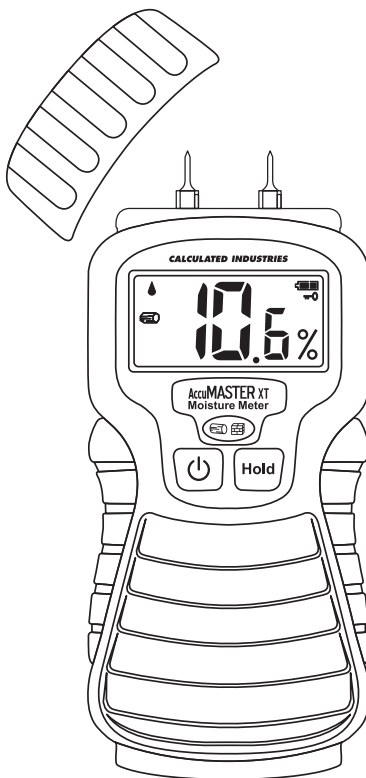
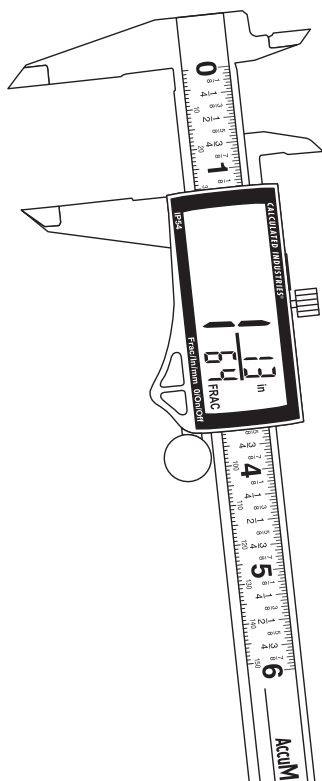
If you are experiencing difficulties with the operation of your new Calculated Industries product, please contact one of our Product Support Specialists at 1-775-885-4900 or email us at [info@calculated.com](mailto:info@calculated.com).

### CAUTION NOTICES:

1. For the utmost in accuracy, the ruler blades have sharp edges. Please use caution when handling this precision tool.

2. Device uses a Lithium battery: Under no circumstances should the battery be incinerated, as fire can cause an explosion. Please use caution when disposing or recycling.

Visit [AccuMASTER.com](http://AccuMASTER.com) to see our family of precision measuring tools.



## AccuMASTER™

Digital Fraction Caliper  
Model 7408

- IP54 Certified: splashing water, oil and dust-resistant
- Made of hardened stainless steel
- Easy-to-read jumbo display with the largest digits on the market
- Includes protective case
- 2-year warranty

The **AccuMASTER Digital 6" Caliper** is a precision measuring tool that is accurate to 0.001". Made of hardened stainless steel and features a jumbo, easy-to-read digital display.

## AccuMASTER™

2-in-1 Digital Angle Gauge  
Model 7434

- Magnetically attaches to blades, tables and more
- Reversible display (reads upside down)
- Find true level and set to zero at any angle
- Large, bright Stayglow™ display stays on as long as you're using it
- Includes protective case
- 2-year warranty

With the **AccuMASTER 2-in-1 Digital Level and Angle Gauge** you can find true level and precisely check angles.

## AccuMASTER™ XT

Moisture Meter  
Model 7440

- Find leaks in walls and surfaces
- Check lumber for building and woodworking
- Check firewood to make sure it's ready to burn
- 1-year warranty

The **AccuMASTER XT Moisture Meter** is ideal for measuring moisture content in firewood, lumber, brick, concrete, drywall and plaster. Find moisture before it becomes a costly problem.

## AccuMASTER™

2-in-1 Digital Angle Gauge + 6" Precision Ruler  
Model 7534

- Designed specifically to magnetically combine with the AccuMASTER 2-in-1 Digital Angle Gauge to form a mini-level
- Use together to span gaps where the angle gauge will not work alone
- Ruler marked in both imperial and metric units
- 2-year warranty

The **AccuMASTER Precision Ruler** is designed to improve the accurate use of the **AccuMASTER 2-in-1 Digital Angle Gauge** (Model 7434) as a mini-level and in use over uneven surfaces.



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