Distance Measuring Wheels

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Electronic Measuring Counter

Electronic counters add a new level of performance and versatility to Meter-Man Measuring Wheels. Easy-to-read LCD display shows distances in feet or meters simply by pushing a button! Dual counters measure total distance or segments. A great new way to measure from Meter-Man with quality you can count on.

METER-MAN Measuring Wheels

Series 8
Series 12
Series 12 x2
Series 18
Series 18 x2
Series 31
Series 45
Series 60
Series 79
Measure Marker
Growth Charter

Optional Hard-Sided Carrying Case

Protect your wheel from impact, as well as moisture and debris.

Features Include:

LCD Display - LCD (Liquid Crystal Display) shows six digits - four whole numbers and two decimals. All functions and displays are clearly identified and easy to read.

Operates in Forward and Reverse - The two counters operate in either direction, adding or subtracting accumulated distance.

Long-Life Battery - Long-life 3 volt lithium battery is well protected and easy to replace. Projected battery life is one year.

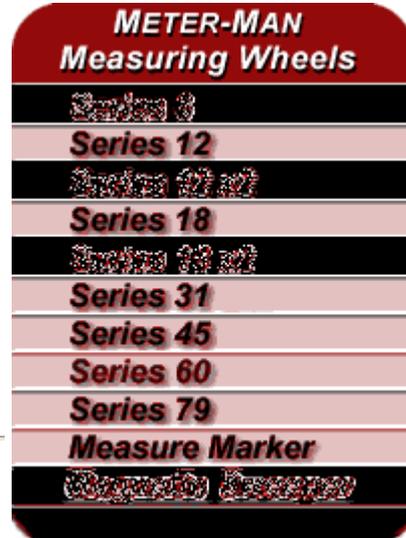Sure-grip rubber push buttons are easy to read and use.

ON/CLR - This function key turns the electronics on when pressed once and clears the existing reading when pressed a second time. If the wheel or the controls are not operated for a period of approximately three minutes, the unit will automatically turn off to conserve battery life, but will continue to retain the data.

M/FT - Select from 3 measuring modes:

- ✎ Feet + inches (0000'00")
- ✎ Feet + hundredths of a foot (0000.00)
- ✎ Meters + centimeters (0000.00)

HLD/CLR - This key holds a reading on either the #1 or the #2 counter. Pressing the button once sets the counter (#1` or #2 whichever is displayed) into a HOLD state while allowing the other counter to continue to count. Pressing this button a second time releases the HOLD and clears the counter.

#1/#2 - This button alternates the display between the #1 or #2 data. The display includes a #1 or #2 to indicate which is in use.
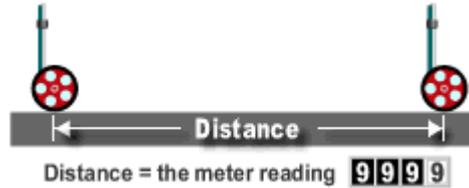
FULL ONE YEAR WARRANTY

Worldwide DIY Council MEMBER

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Distance Measuring

Point to Point
To measure the distance between two points accurately, set the wheel on the beginning point, push the reset button and walk to the end point. With the handle in the same position as it was when measurement started, read the distance directly from the counter.
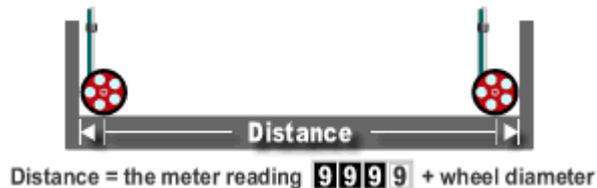
Distance = the meter reading **9 9 9** 9

Wall to Point
To measure the distance between a wall and a point accurately, start the wheel with the back end against the wall, push the reset button and walk to the end point. With the handle in the same position as it was when measurement started, read the distance from the counter and add the radius of the measuring wheel.
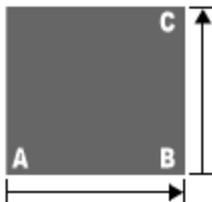
Distance = the meter reading **9 9 9** 9 + wheel radius

Wall to Wall
To measure the distance between two walls, start the wheel with the back end against the wall, push the reset button and walk to the end wall. With the handle in the same position as it was when measurement started, read the distance from the counter and add the diameter of the measuring wheel.

Distance = the meter reading **9 9 9** 9 + wheel diameter
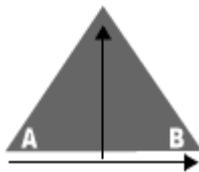
Square / Rectangle Surface

To find the area multiply the length times the width.

1. Measure distance from point A to point B (length)
2. Measure distance from point B to point C (width)
3. To find area multiply the distance in step 1 by the distance in step 2.

Triangle Field

The formula for finding the area of a triangle is Length x Height ÷2.

1. Measure the distance from A to B (length)
2. Measure the distance from the base of the triangle to its highest point (height)
3. To find area multiply the distance in step 1 by the distance in step 2.
4. Divide area found in step 3 by 2.

Irregularly Shaped Fields

An irregularly shaped field can be divided into a series of squared, rectangles or triangles. The area can be calculated for each segment. Add area for all segments to determine total area.

Calculating Acres

An acre is 43,560 square feet. Using the measurements from figure 1, length times width = total square feet. Divide total square feet by 43,560 to find acres.

By using the formula L x W divided by 43,560, acres in any square or rectangular field can be calculated.

Chain Method of Measuring Acres

The Meter-Man model 79C Measuring Wheel measures in chains and hundredths of a chain. To determine the area simply multiply the length times the width and move the decimal point **one place to the left**. No division is necessary.

Countour Strip Fileds

A contour with parallel sides can be treated as a rectangle. It is most accurate if the linear dimension is taken by walking down the middle of the strip. If the contour strip is uneven in width, treat the area as a rectangle and a triangle.

Measuring Hectares

Divide total area by 10,000 to determine hectares. Move decimal point four places to the left