## Operating Instructions <br> 5F \& 10F Measuring Wheels

1) Hold handle grips with hands extended slightly forward and downward in a natural walking position and to where measurement is to begin.
2) Turn counter reset knob forward (clockwise) until all digits read zero.
3) Whenever possible, select an object in the distance toward which you can walk while traversing the ground being measured. This will enable you to maintain a straight line.
4) When measuring on a gravel road or rough ground, the operator should walk at a slower pace so the wheel does not bounce.
5) At the end of measurement, take the reading while holding handle in the same position as at the start of measurement. Note: The counter indicates the distance in feet.

## Measuring Tips



Rectangle: Multiply length by with to find area. Example: length $600 \mathrm{ft} . \mathrm{x}$ with $544-1 / 2 \mathrm{ft}$. $=$ $326,700 / 43,500$ sq.ft. $=7.5$ acres.


Trapezoid: Average the lengths of the two parallel sides and multiply by with to find area.


Right Triangle: Since this is half a rectangle, multiply length (base) by with (height) and divide by two.


Other Triangles: Triangles without as square corner are also half rectangles; multiply length (base) by width (height) measured perpendicular to the base, and divide by two.
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Contour: Treat as s rectangle if the sides are parallel. If the strip is wider at one end, estimate area of triangle and add to rectangle area.


Many-Side Shapes: Break down many-sided areas into shapes you can figure - rectangles, triangles - determine their areas and total.

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