



**A six-digit, gear-driven
linear measuring totalizer
... ideal for use with
measuring wheels**

Available in several geared ratios, the Series 1953 is especially well suited for linear measurement of feet, yards, 1/8 yards, or meters. Its double-ended shaft allows use of two measuring wheels – providing extra grip and stability of contact with measured material. It is commonly used in the textile, wire and cable, paper, rope, and sheet products industries.

- Precision linear measurement of all types of moving materials
- Double stainless steel shafts accept dual measuring wheels
- Black on white, 0.345" (8.8 mm) high figures for easy viewing
- Heavy duty die-cast and steel components
- Corrosion and dust resistant – long life in demanding environments
- Models with 3:1, 1:1, or 0.375:1 revolution-to-count ratio
- Counts in yards, 1/8 yards, or feet using standard footage wheel
- Counts in meters, using 1/3 meter wheel
- Smooth action rotary knob reset

The Series 1953 is designed and manufactured to provide years of trouble-free service in the most rigorous industrial applications. All models are right-hand drive, with types offered for addition in the clockwise, or counterclockwise direction. Opposite rotation subtracts.

SPECIFICATIONS

Drive: Geared drive, adds one count for a specified number of drive shaft revolutions in specified rotation; will subtract for opposite rotation if reset knob is not obstructed

Speed: 1500 rpm or 5000 cpm, whichever is limiting, when adding

Gearing: Standard 3:1 (yards); 1:1 (feet); 0.375:1 (1/8 of yards); 3:1 gearing with 1/3 meter wheels for direct reading in meters

Torque: Maximum static 1.5 oz-in (1.06 N.cm) with 3:1 ratio

Number of Figures: 6

Size of Figures: 0.345" high by 0.250" wide (8.76 by 6.35 mm)

Color of Figures: White on black

Reset: Manual knob: Rotary

Mounting: Base

Construction: Case and Worm Base: Zamak; Baseplate: Steel; Wheel, pinions: Acetal resin; Right Angle Drive Shafts: Stainless steel; Bearings: Porous bronze, oil impregnated; Worm Gear: Brass; Worm: Stainless steel

Net Weight: 3 lb. (1.36 kg)

Model No.	Description	Rotation
195316-051	Knob reset, 6 figure, 1:1 ratio	
195316-052	Knob reset, 6 figure, 3:1 ratio	
195316-053	Knob reset, 6 figure, 0.375:1 ratio	
195326-045	Knob reset, 6 figure, 1:1 ratio	
195326-046	Knob reset, 6 figure, 3:1 ratio	

Typical Applications:

Ideal for measuring roll or sheet goods, position indicating on machine tools, etc.

