

High Accuracy Cable Length Measurement



➤ Automate Length Measurement

The LR600 Length-Rite provides continuous, highly accurate length measurement directly on your production line. Eliminate manual measuring on the shop floor and monitor product length in real time as it is produced. Large, easy-to-read HMI displays provide operators with instant access to length count and line speed, while the system integrates seamlessly into existing production lines. Custom configurations are available to match your specific application and production requirements.

➤ Increase Accuracy

Built around Taymer's proven friction-driven measuring technology, the LR600 delivers exceptional measurement accuracy for wire, cable, tube, and other continuous products. Precise length measurement minimizes material waste, reduces costly overages, and ensures every spool or coil meets specification. Reliable, repeatable performance helps maintain consistent product quality throughout production. Measurement accuracy +/- 0.05%.

➤ Improve Productivity

Automating length measurement eliminates the need for manual measuring, saving operators time and reducing production bottlenecks. Real-time length and line speed monitoring allow operators to make immediate adjustments when needed, keeping production running efficiently. By improving measurement consistency and reducing waste, the LR600 helps increase throughput while lowering overall production costs.

FEATURES

- Measurement accuracy +/- 0.05%
- Easy belt removal and installation
- Industry leading 500 ppr with an optional 2500 ppr measurement
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- Dedicated, easy to read, 6 digit speed display
- Optional pneumatic raise and lower of the encoder assembly



SPECIFICATIONS

> Maximum Speed:

- 656.17'/minute
- 200m/minute

> Wire and Cable Size:

- 0.025" – 1"
- 0.6mm – 42mm

> Dimensions:

- Without Base:
20" x 10" x 31"
520mm x 250mm x 780mm
- With Base:
28" x 24" x 70"
710mm x 610mm x 1780mm

> Weight:

- Without Base:
50 lbs | 25 kg
- With Base:
200 lbs | 91 kg

> Power:

- 115 VAC 50/60 Hz
- 220 VAC 50/60 Hz

> Cable Counter Display:

6 digits, dedicated

> Calibration:

Easily programmable using keypad

> Measurement Accuracy:

+/- 0.05%

> Inputs:

Remote reset

> Measurement Units:

Both footage and metric

> Mode Display:

2 characters by 20 characters

> Reset:

Push button and automatic

> Belt:

Polyurethane, steel reinforced, incompressible belt



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