



## LT-850

### Self-Leveling Single Slope Laser

Alkaline Part #: LT-850

Rechargeable Part #: LT-850 RC

### LT-850

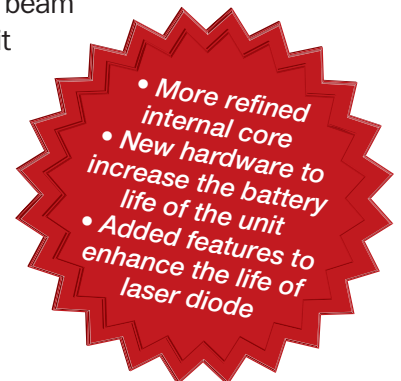
#### Single Slope Laser

#### Overview

The Futura LT-850 is an affordable, automatic true self-leveling single slope laser. Rugged, reliable, and accurate, the LT-850 is designed for any level or sloped application such as concrete forms & footers, grading & excavating, sloped concrete pours required for runoff, parking garages & ramps, site preparation & dirt grade and drainage & ditch work.

#### Feature Summary

- » Fully automatic self-leveling
- » Height of instrument alert (HI alert)
- » Long 2,000 foot (700m) operating diameter
- » Machine control compatible
- » 20 arc second accuracy
- » 635nm visible red beam
- » Optical recharge kit



Specifications	LT-850
Range (Diameter)	Up to 2,000' (700 m)*
Accuracy	±10 arc seconds
Self-leveling Range	± 3°
Rotation Speeds	60, 300, 600, 750 rpm
Grade Range	-10% to 15%
Grade Increments	.01% from -2.5 to 2.5% .05% from 2.5 to 15%
Grade Accuracy	± .01 to 2.5% = .01% ± 2.5 to 15% = .08%
Battery Life Alkaline	Approx. 60 hrs
Battery Life NiCad	Approx. 40 hrs
Operating Temperature	-4°F to 122°F (-20°C to 50°C)

\*Determined by receiver used

## Accessories



### Futura CR5-WD5

Get the most out of the LT-850 with the combination CR-5 receiver with optional wireless remote, its both a machine mounted receiver and a rod mounted receiver.



Full Range of Grade & Level Rods



Full Range of Tripods to fit every job



### The Futura LT-850 Automatic Self-Leveling Single Slope Laser

Easy-to-use flat laser with LCD display for digital slope readout. Standard package includes CR3 laser receiver and rod clamp.

### CR3 Laser Receiver Overview

The full-featured CR3 laser detector has dual-sided LCD displays and audible singles to guide you to grade. Attach the laser receiver to a grade rod and you have fast, accurate grade setting and checking.



Specifications	CR3
Beam Detection Window	44mm / 1.73"
Beam Detection Precision	High precision: $\pm 1\text{mm}$ Normal precision: $\pm 2\text{mm}$
Beam Detection Indication	Liquid crystal (both sides) and buzzer
Power Supply	9v dry cell battery x1
Operating Time	Approx. 35 hrs
Auto Shut-off Delay	Approx. 20 min. without beam detection
Water and Dust Resistance	IP65
Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Weight	196 g / 6.91 oz