

FOREST PRO LASER

**Traversing • Buffer Zone Layout • Timber Cruising • Tree Heights
Growth and Yield • Forest Research • Forest Engineering**

Now with a dedicated reflective target acquisition operation, the Forest Pro laser opens up a world of possibilities! You can acquire accurate distances and heights - in real working conditions. Whether in light rain, fog, snow, or even the densest brush, LTI's Forest Pro Laser will accurately and conveniently handle your measurement tasks.

The Forest Pro Laser can acquire range from a wide variety of reflective targets (prisms, reflectors, signs and tapes). The "cooperative" design feature of this laser was implemented to ensure outstanding operability in dense brush environments.

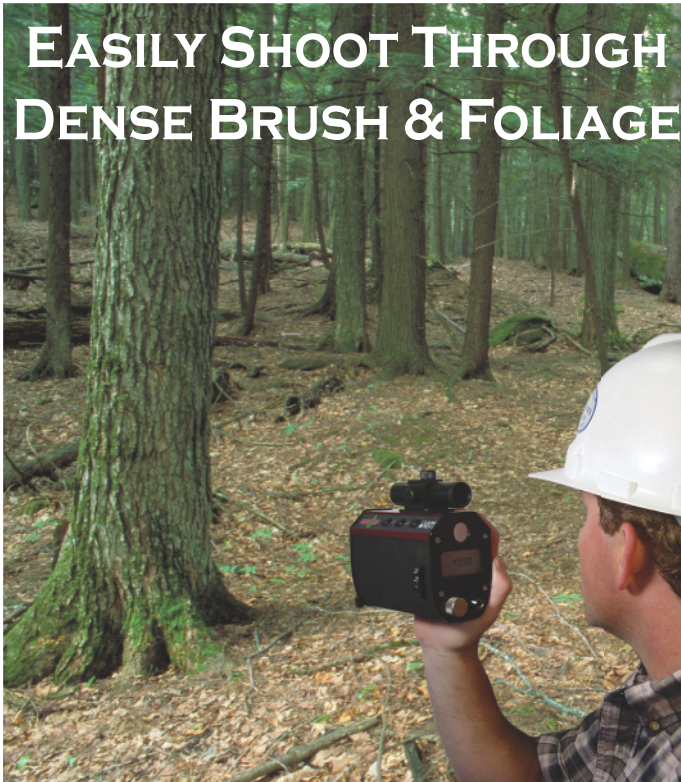
The menu allows you to make height measurements with either a "two-shot" (includes height offset - such as DBH) or the standard "three-shot" field procedure, right from system boot up.

Key Features:

- Rugged, waterproof, one-piece aluminum housing built for every working environment.
- RS232 serial output allows you to store data externally; data is transferred automatically or by manual key press.
- 6 digit backlit LCD display provides readability for day and night operation.
- The range offset mode applies constant offsets to your measurements.
- Versatile user interface displays distance in feet or meters, and converts vertical degrees to percent slope or grads.



EASILY SHOOT THROUGH DENSE BRUSH & FOLIAGE



Specifications:

Weight:	1 kg (2.2 lb.)
Size:	15.2 x 6.4 x 12.7 cm (6 x 2.5 x 5 in.)
Range:	0 m (ft.) minimum, 575 m (1,886 ft.) maximum to reflective targets only
Accuracy:	3 cm (0.1 ft.) to a reflective target at 25 m (82 ft.) 1 s 5 cm (0.17 ft.) to a reflective target at 150 m (492 ft.) 1 s
Range Resolution:	0.01 m (0.01 ft.)
Inclination Limits:	± 90 degrees
Inclination Accuracy:	± 0.1 degree typical
Eye Safety:	FDA Class 1 (CFR 21)
Power Supply:	2 AA batteries (maximum 20 hours use)
Environment:	Waterproof to IP 67 and NEMA 6
Communication:	RS232, NMEA 0183

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