

“Criterion RD1000 BAF Scope For Timber Cruising and Measuring Tree Heights”

The RD1000 is a first-of-its-kind measurement unit engineered exclusively for the forest industry. It can project any basal area factor from one to 127. It also measures tree height, diameter, and does a limiting distance calculation. It automatically corrects for slope and is extremely easy to use. The RD1000 works in all light conditions including bright sunlight and even under very dark, dense timber stands. Its clear viewing capability is especially apparent while cruising in dense timber stands in winter. The projected basal area factor is easy to see as well as the trees being sighted for “in” or “out”.

The RD1000 corrects for slope very quickly. As the cruiser looks up and down the bole of the tree, the projected basal area factor automatically changes to compensate for slope. It stabilizes much faster than the old style cruising instruments. It also has the ability to measure tree heights and tree diameters. Diameter can be measured at any point on the bole by using the rocker switch on the back of the RD1000. Users input the distance to the tree and then use the rocker switch to make the bar in the unit match the diameter of the tree. The actual diameter is projected inside the viewfinder.

Battery life is excellent. Some clients get one month of cruising on two AA batteries.

Resource Supply, LLC checks all RD1000 units for Basal Area Calibration, level, and overall functionality before shipping. We also provide screen protectors for the LCD screen to make sure it gives years of clear viewing service.

The perfect companion to the RD1000 is one of the TruPulse laser rangefinders or the Impulse Laser rangefinder. Contact Jon Aschenbach at 503-707-6236 or email: jon@resourcesupplyllc.com.

#RD1000

Price: \$1,490.00

Resource Supply, LLC

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Specifications:

- Dimensions: 2.75" x 2" x 6.5" (7 cm x 5 cm x 16.5 cm)
- Weight: 1.1 lbs. (500 g)
- Data communication: Serial, via wired RS232 Input/output, NMEA 0183
- Power: 3.0 volts DC nominal; (2) AA batteries or (1) CRV3 battery
- Battery duration: AA – approx. 20 hours; CRV3 – approx. 40 hours
- Environmental: Impact, water and dust resistant; NEMA 3, IP 54
- Temperature: -22°F to +140°F (-30°C to +60°C)
- Optics: Normal, 1X; Magnified, 2.5X nominal
- Displays: External LCD and Internal LED
- Units: Imperial and Metric
- Mount: Monopod/tripod (1/4" 20 thread)
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Measurement Range:

- Diameter: 2" to 100" (5 cm to 254 cm)*
- Basal Area Factor: 1 to 127 ft²/acre (0.2 to 29.1 m²/ha)
- Inclination: +/- 90 degrees
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Accuracy:

- Diameter: +/- 1/4" at 80 ft (6 mm at 24 m)
- Inclination: +/- 0.1° typical
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Measurement Modes / Features:

- BAF: Visually estimates if trees fall in or out of a given plot as related to the specified Basal Area Factor.
- In/Out: Internally computes the limiting distance for questionable, borderline trees and determines if they are in or out of the plot.
- Diameter: Determines the diameter of a tree at any given height.
- Height/Diameter: Provides the ability to determine the height at which a specific diameter occurs.
- Raw Inclination: Measures inclination in percent slope.

NOTE: All specifications are subject to change without notice.

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