EC II D & EC II D-R

Digital Clinometers, better precision

Inclination — Height — Distance Calculation — Basal area — Volume

EC II D

- **Height**
- **Inclination**
- **Distance Calculation**
- **Pocket size**
- **Easy to use**

The EC II D is a pocket size field instrument height and inclination measurments.

This instrument offers supreme accuracy, quick results and ease of operation

With a reference height on a target object, the EC II-D can calculate the baseline distance for measurments.

EC II D-R

- **Height**
- **Basal area**
- **Volume**
- **Distance Calculation**
- **Inclination**
- **Pocket size**
- **Easy to use**

The EC II D-R is an pocket size field instrument for height measurment and Basal Area calculation on a sample point.

It works exactly like EC II D and includes a Factor Gauge attached with built in functionality for calculating the basal area and volume on a sample point.

Prism vs Factor Gauge

If you do not want to use the attached Factor Gauge you can use a Prism instead. A Prism and Factor Gauge have the same function.

It is possible to set different Basal area factors and also Form factors for the volume calculations.

- *Basal area factor are 0.5, 1, 2, 4 or 5, 10, 20, 40*
- *Form factors from 0.10 0.95 (default 0.45)*

The EC II D-R will display a calculation of the basal area and a volume estimate based on the last tree height measured.

For best results, you should measure dominant tree height or average height.

"The perfect instruments every forester should have in his pocket for quick and easy measuring.

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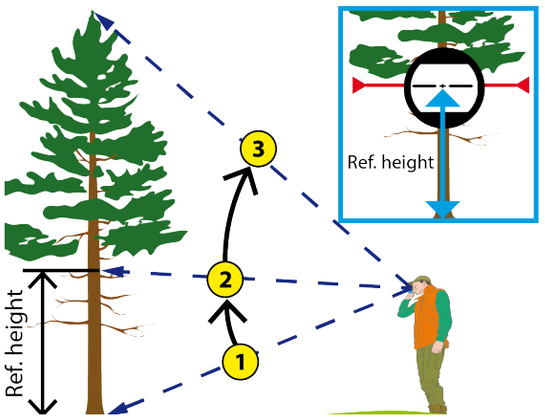
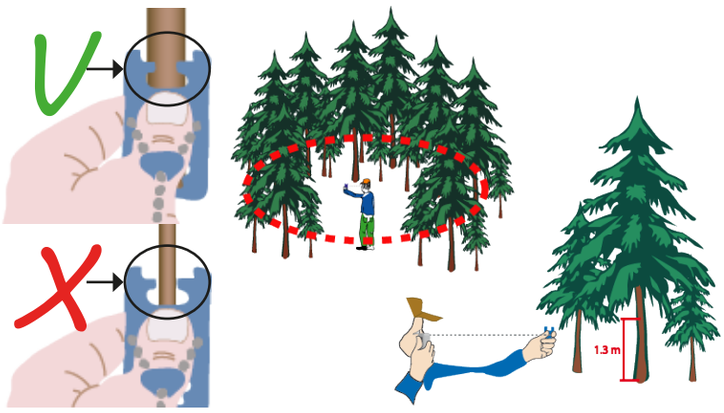


Easy to use with just one key and built-in display, the measured values are presented directly in the sighting window

1. Aim at the bottom of the object and measure.
2. Aim for the reference height and measure.
3. Aim for the height to be measured and measure. - The result is displayed.



Easy to use with just one key, selected factor values are presented directly in the sighting window

1. Hold the EC II D-R under your eye, thumb on the ON-button and stretch the chain all the way out.
2. Aim with scope and selected factor at breast height on the object.
3. Turn a full circle from your position and press the 'ON' button for each tree to be included on the sample point.

EC II D

Size:	20 x 63 x 44 mm / 0,8 x 2,5 x 1,7 inch
Weight:	50 g/1,8 oz (incl. battery) EC__ D-R: 60g/2oz
Battery:	1 x 1,5 AA alkaline. Warning when low.
Temperature:	Min -15° Max 45° C / Min 5 Max 113 F
Display:	LCD, Backlit
Buzzer:	Yes
Consumption:	15mW
Height:	Min 0 Max 999 m/ft Resolution: 0,1 m/ft < 100m/ ft or 1m/ft > 100m/ft
Angle:	%/ ° (degrees), -55 °< angle <+85 °. Resolution: 0,1 ˚ Accuracy: +-0.2 ˚

EC II D-R

Size:	20 x 63 x 44 mm / 0,8 x 2,5 x 1,7 inch
Weight:	50 g/1,8 oz (incl. battery) EC__ D-R: 60g/2oz
Battery:	1 x 1,5 AA alkaline. Warning when low.
Temperature:	Min -15° Max 45° C / Min 5 Max 113 F
Display:	LCD, Backlit
Buzzer:	Yes
Consumption:	15mW
Height:	Min 0 Max 999 m/ft Resolution: 0,1 m/ft < 100m/ ft or 1m/ft > 100m/ft
Angle:	%/ ° (degrees), -55 °< angle <+85 °. Resolution: 0,1 ˚ Accuracy: +-0.2 ˚
BAF:	0.5, 1, 2, 4 (m2/ha) or 5, 10, 20, 40 (Ft2/acre)
Factor:	0.10...0.95, default 0.45
Volume:	Height x form factor x basal area
Unit:	m3/ha or ft3/ac/1000
Chain:	Beaded metal extending to 60cm/24"

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