



# Haglöp Electronic Clinometers

## EC II-D Height & Slope

All Haglöp Sweden Electronic Clinometers feature:

- Low battery consumption
- Backlit display for easy reading
- Electronic results for improved accuracy
- One year full factory warranty
- Quality manufacturing - Made in Sweden



The EC II-D offers accurate readings of heights and works with both manually input distances and digital distance calculation with trigonometry and a reference height mark.

The Haglöp EC II-D is an easy to use field instrument that offers accurate measuring results on inclination and heights

of objects, usually trees. This updated model also calculates the distance to the object with the help of trigonometry and a reference height. Set a mark at 2 meters/6 feet on the tree stem, walk a distance approximately as far as the object's height, measure the angle to the base and then the angle to the mark. The calculated distance flashes in the instrument display. Proceed to measure the height and the result is presented to you in the display. Precision results without calibration or maintenance. Art no 15-102-1019 EC II-D; specify model on order as m/deg or m/% or ft/deg, ft/%

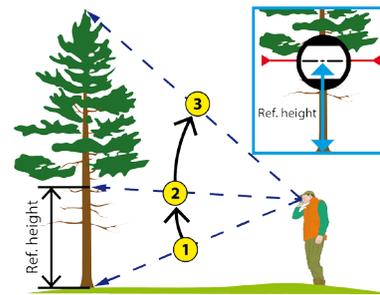


### TECHNICAL SPECIFICATION EC II

Size:	20x63x44mm/0.8 x 2.5x1.7".
Weight:	50 g/1.8 oz (incl. battery).
Battery:	1 x 1.5 V AA alkaline. Warning when low.
Temperature:	Min -15° Max 45°C/Min 5° Max 113°F.
Display:	LCD, Backlit.
Summer:	Yes.
Consumption:	15mW.

### MEASUREMENT SPECIFICATIONS

Height:	Min 0 Max 999 m/ft. Resolution: 0,1m/ft < 100m/ft or 1m/ft>100m/ft.
Angles:	-55° < angle < 85°. Resolution: 0.1°. Accuracy: +0.2°.



Stand at a distance approximately as far away from the object and the object's height for best results. The reference height mark should be set at 2 meters/6feet.

## C I Slope Meter



The blue C I is the ideal instrument to measure slopes and inclination of trees, buildings, walls, tunnels, roads and more in a quick way. Field pro's will appreciate the simplicity and accuracy of the C I. Art. no. 15-102-1012, specify deg. or %.

### TECHNICAL SPECIFICATION C I

Size:	20x63x44 mm/0.8x2.5x1.7".
Weight:	50 g/1.8 oz (incl. battery).
Battery:	1 x 1.5V AA alkaline. Warning when low.
Temperature:	Min -15° Max 45° C / Min 5° Max 113° F.
Display:	LCD, Backlit.
Summer:	Yes.
Consumption:	15mW.
Angles:	-55° < angle < 85°. Resolution: 0.1°. Accuracy: +0.2°.



- forestry
- geology
- construction and building
- planning and maintenance
- golf course maintenance
- parks, recreation areas, ski slopes



# Haglöf Electronic Clinometers

## EC II D-R

Height with Digital Distance Calculation, Form Factor, Basal Area & Volume



The EC II D-R is an electronic clinometer with a factor gauge and in-built functions to get estimates for basal area and volume. Use the EC II D-R for height readings from any manually measured and input distance or with a calculated distance.

The distance calculation is performed with trigonometry and a reference height set at 2m/6ft on the object to measure. The EC II D-R model also offers adjustable form factor from 0.10...0.95 (default 0.45). Use the built-in basal area functions to count number of stems in your EC II D-R with one of four basal area factors (0.5,1,2,4 or 5,10,20,40). The EC II D-R will automatically display a calculation of the basal area and give a volume estimate based on the dominant tree height or average height. Art. no. 15-102-1020 m/deg or m/% or ft/deg, ft/% (spec. unit on order).

- Height, number of stems, basal area calculation and volume estimate
- Adjustable form factor
- Distance calculation at ref. height
- Basal area featured in the display
- Eliminates calculation errors
- Beaded chain extending to 60cm/24"
- Volume presentation based on input upper height x form factor x basal area



### TECHNICAL SPECIFICATION EC II D-R

Size:	20x63x44mm/0.8x2.5x1.7"
Weight:	60 g/2 oz (incl. battery).
Battery:	1 x 1.5 V AA alkaline.
Temp:	Min -15° Max 45° C / Min 5° Max 113°F.
Height:	Min 0 Max 999 m/ft. Resolution: 0.1 m/ft < 100m/ft or 1m/ft > 100m/ft.
Angles:	-55° < angle < 85°. Resolution: 0.1°. Accuracy: ±0.2°.
BAF:	0.5, 1, 2, 4 (m <sup>2</sup> /ha) or 5, 10, 20, 40 (Ft <sup>2</sup> /acre)
Factor:	0.10...0.95, default 0.45
Volume:	Height x form factor x basal area
Unit:	m <sup>3</sup> /ha or ft <sup>3</sup> /ac/1000

## HCH Compass, Height, Slope



### Haglöf HCH Compass with Height function

The HCH includes a built-in azimuth compass 0-360° graduated in 1° increments. The HCH also offers results on inclination and heights from any optional distance and placing in relation to the object's position in the field. The baseline distance for height measurements is measured from the base of the tree to the user's eye. The accuracy of height readings will depend on the accuracy of the input distance. Single button operation where the user can switch from compass to clinometer with one push of the button. Built-in magnetic declination; calibration instructions in user guide. Art. no. 15-102-1014, specify metric or feet.

### TECHNICAL SPECIFICATION HCH

Size:	20x63x44mm/0.8x2.5x1.7"
Weight:	50g/1.8oz (incl. battery).
Battery:	1 x 1.5 V AA alkaline. Warning when low.
Temperature:	Min -15° Max 45° C / Min 5° Max 113°F.
Display:	LCD, Backlit.
Summer:	Yes.
Consumption:	15mW.
Height:	Min 0 Max 999 m/ft Resolution: 0.1 m/ft < 100m/ft or 1m/ft > 100m/ft.
Angles:	-55° < angle < 85°. Resolution: 0.1°. Accuracy: ±0.2°.
Compass:	0-360°. Accuracy approx. 2.5°.

## HCC Compass & Slope



The HCC Haglöf Clinometer Compass is an inclinometer and a compass. Use the HCC to measure horizontal and vertical angles. This together with the compass makes the HCC suitable for survey in satellite installations. Features azimuth compass 0-360° graduated in 1° increments. Clinometer graduated in 0.1° increments and accuracy to 0.2°. The user can switch from compass to clinometer with one push of the button. Built-in magnetic declination. Calibration instructions in user's guide. Clinometer Compass in degrees. Art. no. 15-102-1013.

### TECHNICAL SPECIFICATION HCC

Size:	20x63x44mm/0.8x2.5x1.7"
Weight:	50g/1.8oz (incl. battery).
Battery:	1 x 1.5 V AA alkaline. Battery warning.
Temperature:	Min -15° Max 45° C/Min 5° Max 113° F.
Display:	LCD, backlit display.
Summer:	Yes.
Consumption:	15mW.
Compass:	0-360°. Accuracy approx. 2.5°.
Angles:	-55° < angle 85°. Resolution: 0.1°. Accuracy: ±0.2°.

