

# DME

## The Original Ultrasound Cruising Instrument

Pocketsize and rugged, the DME is perfect for all types of distance measuring in the field. Offers quick and accurate readings even in difficult terrain and thick underbrush. Useful for example in sample plot work, road construction, building dimension, timber cruising and stakeouts.



Get the exact distances in English or metric units of up to 30m/98ft or more with an accuracy of +-1%. The DME is easy to calibrate and has low battery consumption.

With the "Reverse Prism" function you can use the DME on point samples, sampling a full spectrum of basal area factors (BAF's). By selecting one of the built in BAF's the DME will measure the tree's distance from plot center then calculate the minimum diameter that tree must be to be included in your point sample. This solution eliminates all of the limitations associated with traditional prism cruising, such as obscured views from plot center.



Haglöf Sweden offer the ultrasound instrument solutions that work in the forest! Precise, reliable and rugged - you can depend on these original ultrasound instruments!

- Great precision in difficult surroundings
- Works in dense vegetation
- Works when view of plot center is blocked or obscured
- Quick and accurate results
- Reinforced telescopic plot staff
- Delivered in practical plastic safety box



### DME

**Size:** 30 x 40 x 125 mm / 1.2 x 1.6 x 4.9"

**Weight:** 90g/0.2 lb (incl. battery)

**Battery:** 1 x 9 Voltage alkaline, Current 7mA

**Temperature:** Min -15° Max 45° C / Min 5° Max 113° F

**Ultra sonic frequency:** 25 kHz

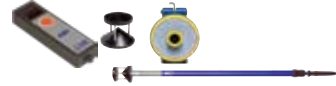
**Distance:** 30 m/98 ft or better.  
With 360° adapter on the transponder 20 m/ 60 ft or better.

**Resolution:** 0.01 m / 0.1 ft

**Accuracy:** 1% or better

**BAF factors:** 0.5, 1 to 9 (m<sup>2</sup>/ha) or 5, 10, 15..to 50 (ft<sup>2</sup>/acre)

15-100-1001 DME, 360 adapter, transponder T3 & monopod



15-100-1003 DME Measuring unit



15-104-1004 T3 Transponder



15-104-1005 Monopod/Plot Center Staff

15-104-1001 Adapter 360 degrees



**The Transponder T3** is used together with the Vertex, the Vertex Laser and the DME. It is water resistant, rugged and has a simple construction in a bright, visible color. Works with one AA battery. Pin transponder on the tree stem or use the adapter on the custom monopod to measure in circular plots. Diameter: 70mm. Weight: 85 g. 1 x 1.5V AA alkaline battery, consumption max. 9mW.