

# The Vertex III Hypsometer



Our number one best seller for the accurate height, distance and horizontal distance measuring you need in the field! Accurate and proven reliable, the Vertex III instrument has become a standard instrument in field operations around the world!

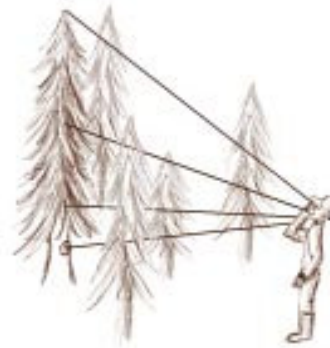
With its ultra sonic measuring system and red dot cross hair sight, the Vertex III will give you proven accurate readings in dense vegetation and difficult surroundings.

Measures heights from any distance up to 30 meters or longer and up to 6 height registrations per object. The small and yet solid Vertex III instrument features aluminium housing and sealed electronics and a large, easy-to-read alphanumeric display.

A built-in tilt sensor makes it possible to measure trees standing on slopes or on hills with exact results. Vertex III is easy to calibrate and includes the option to send height measurements through infrared to the Mantax Computer and Digitech caliper, or to field computer for storage and further processing.

## The Vertex III

- Easy to hold steady for accurate results
- Strong Aluminium housing and sealed electronics
- Omni-directional – allows you to walk 360° around the transponder
- Large graphical display
- Superior Quality Swedish Design
- The improved and multi-functional transponder simplifies different measuring methods. Custom clip makes it easy to attach to a belt or cruising vest.
- Only 1 1.5V AA-cell battery required (for transponder 1 1.5V AA-cell battery)



**1. Vertex III-60** – fasten the T3 transponder to the tree at any height, walk a distance of your choice and measure up to six different heights on the tree.

**Art no VertexIII-60** incl measuring instrument and transponder; **VertexIII-M** Measuring instrument only; **TRP60** transponder T3 only



### Technical Specification Vertex III

*Size:* 80 x 50 x 30 mm/3.2 x 2.0 x 1.2"

*Weight:* 160 g/5.65 oz (incl battery)

*Battery:* 1 x 1.5 v AA cell alkaline

*Current:* 20 mA

*Ultrasonic frequency:* 25 kHz

*Distance Resolution:* 0.01 m/0.5"

*Distance accuracy:* 1% or better

*Angle:* -55° - +85°

*Angle accuracy:* 0.1°

*Height:* 0-999 m/y

*Height resolution:* 0.1 m/4"

*Distance Transponder 60°:* 30 m/98' or better

*Distance Transponder 360°:* 20m/60' or better

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**2. Vertex III-360** offers a superior solution for not only tree heights but also radius measuring work in sample plots. For circular plots place the monopod staff with transponder T3 and adapter in the centre of the plot.



Use the Vertex measuring instrument to measure the distance to the centre in a 360 degree circle and to determine if the object is within the plot limits. Remove the transponder from the monopod and fasten it to each tree within the plot for accurate height measuring.

**Art no VertexIII-360** incl measuring instrument, transponder, adapter and monopod staff **VertexIII-M** Measuring instrument only; **TRP360PL** Transponder, adapter and monopod; **TRP60** Transponder T3 only; **ADAPT** Adapter only; **CPIN** Monopod only

