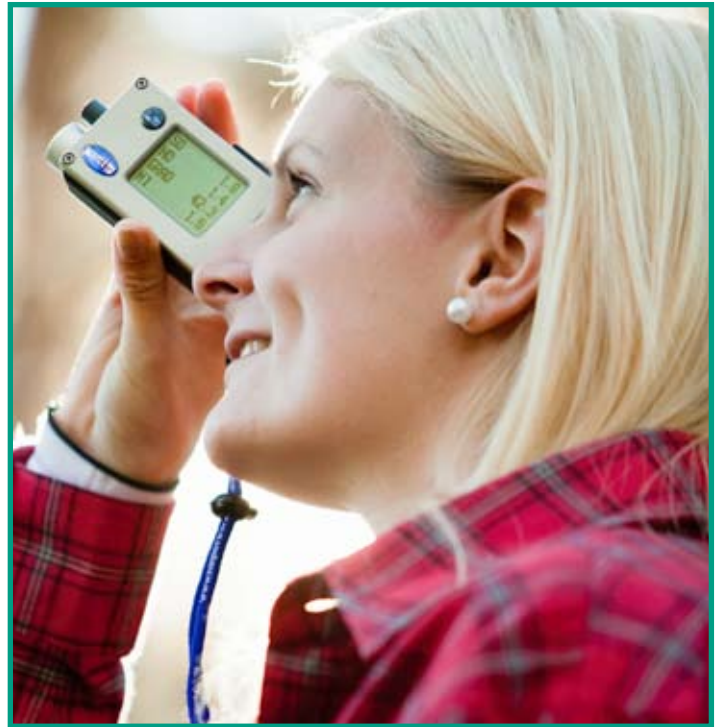


Vertex IV

A True Forest Favorite - Accurate, Easy and Reliable!

The Vertex instrument is many forester's primary choice for precision height, distance and horizontal distance measuring in forests and fields. The Vertex gives accurate readings also in dense vegetation including thick undergrowth.

The Vertex IV has aluminium housing, sealed electronics and a large, easy-to-read alphanumeric display. A built-in tilt sensor allows for exact height measuring in slopes or on hills. Infrared or Bluetooth® transmitter enables direct transfer of measurements to unlimited peripheral devices. Measure distances up to 30 meters, multiple heights per object, sample plot radii and limiting distances and diameters for BAF point samples and more.



The Vertex IV - the classic Ultrasound instrument that really works in the forest!

The Vertex uses ultrasound to measure distances. Unlike measuring tapes and laser instruments, ultrasound works when the reference point is obscured by branches and leaves.

Vertex IV

Size:	80 x 50 x 30 mm / 3.2x2x1.2 Inch
Weight:	160 g / 5.6 oz (incl. battery)
Battery:	1 x 1,5 AA alkaline, Current 20mA with Bluetooth 150mA
Temperature:	Min -15° Max 45° C / Min 5 Max 113 F
Wireless interface:	Bluetooth 1x or IR
Signal:	Built-in loud speaker
Ultra sonic frequency:	25 kHz
Height:	Min 0 Max 999 m/Yds Resolution: 0.1 m/ 0.1 ft
Angles:	-55° to 85° grads / -60° to 94° Resolution: 0.1°
Distance:	30 m / 98 ft or better with 360° adapter 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 ² /ha) or 5, 10, 15..to 50 (ft ² /acre)

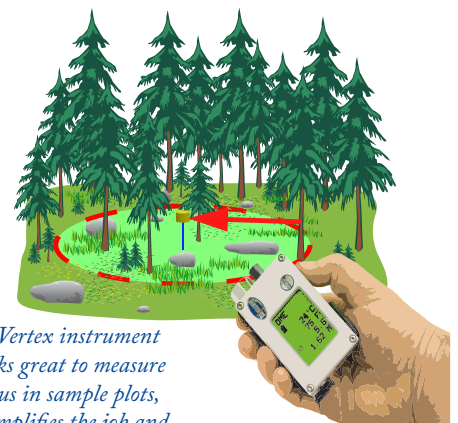
Transponder T3

Size:	Diameter 70 mm/2,8"
Weight:	85 g/5 oz (Incl. Battery)
Battery:	1.5V AA alkaline
Consumption:	max 9mW

The ultrasound signals penetrate through and wrap around obstacles. Heights are calculated trigonometrically using the variables obtained when measuring angle and distance. It assumes that the object is oriented vertically. Use the Vertex IV with the transponder T3 pinned to the tree or fastened to the custom plot staff and adapter.

Art no	Description
15-105-1008	VERTEX IV, transponder T3, monopod, adapter 360
15-105-1009	VERTEX IV & transponder T3
15-105-1010	VERTEX IV measuring unit
15-104-1004	T3 Transponder
15-104-1005	Monopod/Plot Center Staff,
15-104-1001	Adapter 360 degrees

- Reinforced Display & Aluminium Housing
- Audible Beep Signal for Measuring Results
- Excellent to measure radius in sample plots
- Built-in BAF (Point sampling) Functions
- Slope to horizontal distance conversions, measure in steep terrain
- Built-in Bluetooth for Result Transfer
- Sealed Electronics
- Low Battery Consumption
- Ultrasound distance measurements in dense vegetation.
- Proven Accurate & Reliable Technology
- Reference users worldwide



The Vertex instrument works great to measure radius in sample plots, it simplifies the job and ensures a much more accurate result. With the built in BAF function you are able to be at the tree and determine its minimum diameter to be included into the point. The BAF function allows you to conduct accurate point samples on tracks with thick underbrush where traditional prisms fail.