

# VL5 Vertex Laser

**NEW!**

## Ultra Modern, User Friendly, Versatile and Rugged

With the unique combination of laser and ultrasound and a versatility that outperforms the competition we present the new VL5 Vertex Laser instrument. This is the optimal technical solution for any type of field measuring situation, weather and terrain. The VL5 is a rugged and reliable device that works for any height, distance and angle you need to know. In undergrowth with poor sighting – use the ultrasound. For very short and very long distances in open terrain – work with the laser.

The Vertex Laser is an indispensable instrument for forest inventory work. With its adaptability and versatility, the VL5 is excellent for measuring close and far away, in thick forests and in open fields. The ultrasonic method is ideal for measuring circular sample plots or reverse prism cruise with the built in basal area factors. The correct distance to the centre of the plot or the minimum required diameter is quickly displayed on the screen. New storing capacity and functions to calculate average stand height makes the VL5 even more useful in your plot survey work!



The illuminated cross hairs aim improves sighting and spotting individual trees and/or other objects in the forest. The new button overlay is user friendly and the technology is integrated in a rugged and reinforced housing. Built-in mounting point for tripod for even steadier aim!

*The Vertex Laser instrument is excellent to measure radius in sample plots, 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 for inclusion into the point sample. The BAF function allows you to accurately point sample thick underbrush that you normally could not sample using a standard prism.*



Better accuracy means more money! The NEW VL5 includes updated firmware, increased measuring range, a user friendly overlay, modern electronics, and the tested, proven reliable, and unique measuring concept from our Vertex Laser instrument. The VL5 is the ultimate measuring instrument when you have high demands, when you measure often and when you depend on functionality and precision.

Vertex Laser VL5	
<b>Size:</b>	93x63x72mm /3.7x2.5x2.8"
<b>Weight:</b>	243 g, 8.6oz
<b>Battery and consumption:</b>	Chargable Li-Ion 3.7V, built-in, approx. 9000 measurings. Charging time max 3.5h. USB mini B interface wall charger 110/220AC/5VDC; car charger adapter 12VDC. Cable Usb mini B Male/Usb Type A Male, 0.5m. Consumption max 0.9W
<b>Communication:</b>	IR, Bluetooth® class 2, Spp (serial profile), pincode 12345
<b>Temperature:</b>	-20° to +45° C / -4F-113F
<b>Height:</b>	0-999 m/ft. Resolution height: 0.1 m/ft
<b>Angle:</b>	-55° - 85° deg. Unit: Degrees 360°, Grads 400° and %. Resolution: 0.1° (deg) Accuracy: 0.1° (deg)
<b>ULTRASOUND:</b>	Distance: 30 m/98 ft or more. With 360° adapter: 20 m/60 ft or more: Accuracy distance: 1% or better. Resolution distance: 0.01m/0.1ft
<b>LASER:</b>	Distance: 46cm/1.5ft - 700m/2000ft depending on target. Accuracy: 4cm/0.1ft. Resolution: 0.1m/ft (0.01m/0.1ft in DME-mode)
<b>Shock/Vibration/Moist/Laser class:</b>	MIL-STD-810E. Housing frame material glass filled poly carbonate, IP67, NEMA6, Laser class 1, 7mm (FDA, CFR21) Class 1m (IEC 60825-1:2001)
<b>Sight:</b>	LED crosshairs 1 x magnification
<b>Display:</b>	Grafic LCD 100x60pixel
<b>Dataformat:</b>	Nmea or Ascii
<b>Memory:</b>	2000 dataset, non-volatile
<b>Other information, details, accessories etc.</b>	See user's manual and/or separate product sheet

Art.no	Description
15-103-1020	Vertex Laser VL5 BT 360 adapter, transponder T3 & monopod 
15-103-1021	Vertex Laser VL5 BT and transponder T3. 
15-103-1022	Vertex Laser VL5 BT measuring instrument
15-103-1004	Tripod and adapter VL5/L5
15-103-1006	Tripod/stativ
15-103-1007	Adapter
15-104-1004	T3 Transponder
15-104-1005	Monopod
15-104-1001	Adapter 360° for Transponder T3