Postex Positioning

The Postex and Digitech® Professional caliper with Postax software provide an accurate and efficient solution for mapping individual trees or other objects on a plot. Three distances are transferred through Bluetooth® or IR to the Digitech computer terminal where the data is recorded, along with any other details on species, diameter, height and more for each tree. For a correct position on each tree center, consideration is taken for the diameter of the particular tree.

The method for individual positioning of trees is perfect when accuracy demands are moderate, as when connecting information on ground measured trees to a laser scanned air measuring operation or to follow up individual trees on sample plots. Great for permanent sample plots, such as with continuous forest inventory (CFI), and when it is critical to re-visit the correct tree in a plot. Positioning is still accurate when view of the sighting to the object is obscured by shrubs and branches with ultrasound technology. For an efficient field system solution, run the Postex together with the Digitech Professional caliper and software PosTax. Capture and process all plot data in one place. The Postex system has been developed in cooperation with leading scientists and is based on proven functional and rugged components designed by Haglöf Sweden.

Make coordinate systems Position every tree with the the Postex

- **The Digitech computer caliper and Postex instrument solution is a complete system for individual positioning in coordinate systems on sample plots**
- **The data can be exported as a CSV file, which can be easily consumed for visualization and analysis in, for example, ArcGIS Online.**
- **Gather more field data in less time and using reliable technology. Added value with instruments in a system**
- **Developed in collaboration with leading scientists**

PosTex Ultrasound & Laser

Size:	95 x 70 x 58 mm/3.7x2.7x2.3"
Weight:	260 g/9oz (incl. battery)
Battery:	1 x CR2 Lithium 3V,
Temperature:	Min -15° Max 45° C/5-113F
Height:	Min 0 Max 999 m/yds Resolution 0.1m/0,1ft
Angles:	-55° to 85° grader / -60° till 94° **Resolution:** 0.1°
Wireless interface:	Bluetooth 1.x or IR
Distance:	Ultrasound: 20m/60ft or more **Resolution:** 0.01 m/0.1ft **Accuracy:** 1% or better if calibrated. Laser: 10-400m/yds.
Ultra sonic frequency:	25 kHz

Transponder 1, 2 and 3

Size:	Diameter 70 mm/2.8" per transponder
Weight:	85g/5oz (incl battery) per transponder
Battery:	1.5V AA Alkaline per transponder
Consumption:	max 9mW

Art no	Description
15-104-1006	Transponder 1. WHITE
15-104-1007	Transponder 2. BLACK
15-104-1008	Transponder 3. GREEN
15-105-1012	PosTex Measuring Instrument
15-600-1002	Support Velbon Sherpa 250R
15-600-1003	Support Stand PosTex
15-103-1013	PosTex complete set ultrasound and laser, incl measuring instrument, transponder 1, 2 and 3 and Tripod Support