

Mantax Digitech II+

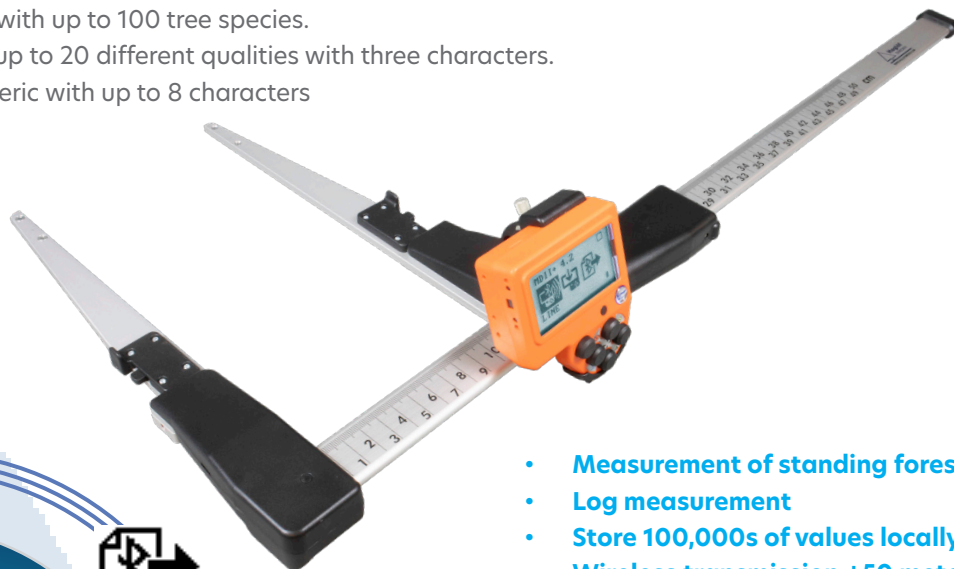
Digital caliper that will do the job

Digital caliper for measuring and inventory of standing forest or logs!

MD II+ is a digital caliper for timber cruising or log scaling. Fast and easy to use, stores data locally or send wireless online via Bluetooth®.

- Cruising, Measurement of standing Forest: Tree species, Diameter and height
- Log scaling: Tree species, Diameter, length, quality, and ID number
- Store more than 100 000 data values locally
- 120 MHz floating point math processor
- Wireless transfer more than 50 meter with Bluetooth® BLT
 - Send data online continuously while measuring
 - Transfer file wirelessly after work performed
 - HID Keyboard Device
- Ready for iOS & Android
- Simple and easy icon-based user interface
- Create your own tree species list with up to 100 tree species.
- Create your own quality list with up to 20 different qualities with three characters.
- Set ID number on logs, alphanumeric with up to 8 characters

120 MHz CPU
High visibility
Display



- Measurement of standing forest
- Log measurement
- Store 100,000s of values locally
- Wireless transmission +50 meters with Bluetooth® BLT
- Ready for iOS & Android



Easy to use

The interface of MD II+ is very easy to understand which gives a short start-up time with your work.

Haglof Link

Download Haglof Link to your mobile, collect data, save and share from the field.

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Log Scaling Measurement

With Log scaling you can as a user in addition to only measuring diameters, choose addition variables that you want to register per log.

You can choose to register the tree species, length, quality, ID number per log and you can specify whether you are measuring on bark or under bark.

Tree species name and quality, you can easily setup in your own list by typing them in a plain text file that is stored on the MDII. It is possible to create up to 100 tree species and up to 20 different qualities that can have three characters.

Cruising, Inventory of standing Forest

With measurement and inverting of standing forest, the diameter is measured, and height can be recorded.

Tree species name you can easily setup in your own list by typing them in a plain text file that is stored on the MDII and it is possible to create up to 100 tree species.

Bluetooth® BLT

With the Bluetooth® BLT we also support wireless transfer to iOS such as Iphone and Android devices. It is also possible to send data wirelessly at a longer distance, 50 meters or longer depending on the environment.

Data

Storage (Local)

Data can be stored locally in an XML file. By connecting MD II with USB to your computer, you download or open the file in, for example, Excel or other software. The file can also be sent wirelessly via Bluetooth to other devices. For mobile Android or IOS devices, there is an app called Haglof Link that can handle this.

Wireless transfer (Online)

With MD II+ in Online mode, data is sent wirelessly to mobile devices in the field, such as iPhone, Android, or other devices that support this. MD II+ continuously sends all data recorded and nothing will be saved locally.

The transfer uses Bluetooth (BLE) but then requires that there is a software that can handle the data coming.

Apps for mobile devices.

Haglof Link

Haglof Link can receive data wirelessly from the MD II+ in LINE mode or a file stored locally in the MD II+ (LOCAL mode).



Haglof Link is a free app available for download from Google Play and App Store. Use the MD II+ in LINE mode and collect data wirelessly in Haglof Link continuously as you measure.



Tree Inventory

Collect tree data wirelessly as you do the Timber Cruising.

Caliper transmit **Species, Diameter and Heights** to Haglof Link.



Log Scaling

Collect data wirelessly as you measure the logs.

Caliper transmit **Species, Diameter, Length, ID, and Quality** to Haglof Link.



Files

Use the calipers in **LOCAL** mode, data is stored locally in the caliper as file.

Once your work is done, send the file to Haglof Link **Files**.



Each inventory-list or File is stored in Haglof Link as an XML file. Any list or File can then be Exported to our cloud service Digitech Cloud or shared via email, Drop-box, iCloud, Google Drive etc. directly from the app.

Specifikation

Storage capacity:	>100 000 registrations
Processor:	Low power Arm Cortex Cpu 120MHz inc. floating point unit.
Temperature:	Min -20° Max 60°C / Min -4° Max 140° F
Battery	Rechargeable Li-ion (1 in terminal + 1 in SmartScale, USB interface charging. Consumption: One week / charge
Buttons:	Five buttons + one on scale.
Measurement:	Non-contact Measurement system
Measuring range:	From 500mm / 18 "to 1000mm / 36" (standard)
Weight:	<1kg / 2.20 lbs (500mm / 18 "standard).
Display:	Graphic, 128 x 64 pixels, highly efficient background light.
Communication	USB 2.0 MSD; Bluetooth® v4.2 dual mode (SPP, HID KEYBOARD, BLE), IR receiver
Signal:	Built-in speaker
Classification	PTB, FPA, IP67 Moist/dust resistant, CE, FCC, IC.

Haglof Link

Android - Google Play

iOS - App Store



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