The DP II Computer Caliper

- Rugged and versatile with flexible operation modes
- Patented and certified technology
- Moisture and dirt protected with extra rugged display
- Great communication capacities
- Many ready-made software options
- Custom software options on request
- Unique accessories and add-ons for improved efficiency
- Haglöf Sweden® Quality Craftsmanship - experience and know-how in every detail

The DP II is a powerful and versatile computer caliper, built for demanding jobs in timber cruising, log scaling, standing tree inventory and harvester calibration. Many attractive features and unique accessories make the DP II the most optimized and complete solution for diameter measuring in forests and on industries.

The DP II caliper is well balanced with low weight, reliable storage and quick processing. Diversified operation modes enable you to perform efficient field measurement operations in a number of work areas and situations. Always with accurate and instant results.

Patented foldable heavy-duty jaws with a slim shape on the DP II **SmartScale** allow you to work comfortably in timber piles and in dense forests. When equipped with the **Radio Enter button,** the **SmartScale** can be used as a stand-alone unit to transfer diameters as you work. The DP II computer can be placed on your wrist or in your front pocket to receive, store and process the data.

Together with the **Skalman v7 system**, the DP II is great for harvester calibration applications and **fully complies with the new StanForD 2010 calibration standard**. The special **flex scaling** calibration method is uniquely available with the Skalman system and the electronic **Digitech® Tape.**

Other useful and value-adding accessories for the DP II include **the Gator Eyes laser pointers, the Digitech Keyboard, the DP GPS** for navigation, **the DP DME** for plot survey and the **DP Postex** for positioning work with the caliper.

A large selection of readymade **software applications** in various languages is available to allow also complete beginners to start working instantly with the DP II caliper.

The DP II **communicates** through the dirt & moist-proof comport and built-in Bluetooth and IR. The instrument is built tough inside and out, with reinforced housing and field adapted display, rechargeable **Li-Ion** batteries and a **patented, sealed, absolute measuring system** in lengths from 500mm or 18" to 1020mm or 40" in various configurations. A mechanical enter button is assembled on the SmartScale handle for increased comfort, reach and ergonomy. Choose if to execute measuring results with this button or with the keyboard enter button.

The DP II computer terminal placed on the wrist and with the SmartScale used to measure standing tree diameters. This work mode is possible by using the Radio Enter button (factory assembled) on the SmartScale to send data to the computer terminal for storing and processing.

Bluetooth®

TECHNICAL SPECIFICATION DP II

Memory:	1GB Flash File System non-volatile high security. 1Mb high-speed ram.
Processor:	Low power 32 bit Arm based processor.
Temperature:	Min -20° Max 60° C/ Min -4° Max 140° F.
Energy:	**Battery:** Rechargeable Li-ion, USB-interface charge. **Consumption:** One week/charge/ software depending.
Buttons:	**Execution** Enter + Enter on SmartScale handle **Navigation** 4 arrow keys. **Quick commands:** Display light Turn off, Escape and Vertex/VL5 height input.
Measuring system:	**Technical:** Non contact, sealed. **Scale:** Aluminum, non reflecting, clear digits. **Jaws:** Foldable aluminum.
Measuring range:	500mm; 650mm; 800mm; 950mm; 1020mm. 18"; 24"; 30"; 36", 40". (standard). Scale lengths German certification/classification: 500mm; 600mm; 800mm, 1000mm. For detailed specification on the SmartScale,see separate leaflet.
Weight:	**Caliper and terminal:** <1kg/2.20 lbs (500mm/18" standard). DP II Terminal only: 150g/6oz.
Display:	Graphic, 128 x 64 pixles backlit, graphic interface.
Communication:	**USB 2.0 MSD;** External serial port via adapter, USB (CDC) via adapter. Bluetooth® (SPP, OPP), Keyboard, IR receiver for Vertex/ VL5/L5
Clock:	Real Time Clock with calendar and time.
Signal:	Built-in loudspeaker.
Classification:	PTB, FPA, IP67 Moist/dust resistant, CE, FCC.

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Above image features DP II caliper basic model, adapted for cruising and inventory work. The DP II computer terminal is installed on the SmartScale, and all measuring data is gathered in the DP II terminal and can be printed out, processed or transferred to your office PC. How data is stored and processed depends on your software application in the DP II. For increased comfort and less tiring work, a mechanical enter button is factory installed on the right hand slide handle of this DP II basic caliper model. Use either the DP II computer terminal enter button or the mechanical enter button on the SmartScale handle for data input and execution.

DP II Computer Caliper Basic Model 13-430-1001--1005

DP II Bluetooth® Caliper complete standard set incl. SmartScale caliper in specified scale length and configuration from 500mm to 1020mm; DP II computer terminal, aluminum safety case, USB cable, USB adapter, USB car adapter, AC/DC international charger. Product also available with inch graduation.

Suitable accessories to the DP II Computer caliper
13-600-1064 DP DME set incl measuring module, transponder T3, monopod and adapter
13-600-1010 Bluetooth Field Printer
15-108-1006 Bluetooth GPS
13-600-1070 Portable power bank/Emergency charger
Recommended software: TIMS for standing trees art. no. 14-104-1052; **Latintax** art. no. 14-104-1002; **Versio** art. no.14-104-1025

The DP II basic model includes a mechanical, right hand enter button. The comport on the DP II computer terminal left side is used for example when working with the Digitech Tape or the DP DME.

DP II Computer Caliper with Radio Enter Button 13-430-1201--1205

DP II Bluetooth® Caliper complete set including remote Radio Enter Button SmartScale in specified scale length and configuration from 500mm to 1020mm; DP II computer terminal, aluminum safety case, USB cables, USB adapter, USB car adapter, AC/DC international charger. ***Wrist holder is included when ordering the DP II with Radio Enter Button.*** Product also available with inch graduation.

Radio Enter Button factory installed

This DP II model includes the Radio Enter Button.
Remove the DP II computer terminal from the SmartScale for use as stand-alone instruments. Data from the SmartScale is registered with the Radio Enter Button and transferred up to 10 meters/yds for storage and processing in the DP II computer terminal. The work mode is especially convenient in dense forests and when measuring logs in piles. When the DP II terminal is installed on the SmartScale, either enter button can be used to enter measuring data. Remember *that all work is software application depending, and that we offer both custom programming and standardized solutions for standing forest inventories, timber cruising, log scaling, thinning operations, follow-up work, clear-cut areas etc.*

Suitable accessories to the DP II Computer caliper with Radio Enter Button:
13-600-1019 Digitech Tape (for log scaling)
13-600-1044 Digitech Keyboard (for extensive data input)
13-600-1064 DP DME Complete set incl measuring module, transponder T3, plot staff, adapter
13-600-1066 DP232 Radio Receiver (when using SmartScale and handheld computer)
13-600-1070 Portable power bank/ Emergency charger
Recommended software: TIMS
art. no. 14-104-1043 standing trees and timber

Enhance efficiency and reach in your forest inventory with the DP II Gator Eyes.

The green Gator Eyes laser pointers are factory installed on order for your DP II caliper. The Gator Eyes high visibility green laser pointers allow for longer reach for measuring upper stem diameter and diameters at a distance, for example if obstacles make it difficult to reach a certain tree. The Gator Eyes laser pointers on the DP II and corresponding software can also be used to measure tree diameters at a preset height with a special inclinometer function. Note that all functions, including the inclinometer function, are software application depending.

DP II Computer Caliper Basic Model with Gator Eyes 13-430-2001--2003

DP II Bluetooth® Gator Eyes set including SmartScale with Gator Eyes laser pointers in specified length and configuration 500mm; 650 mm or 800 mm, DP II computer terminal, aluminum safety case, USB cables, USB adapters, USB car adapter, AC/DC international charger. Product also available with inch graduation.

Suitable accessories to the DP II Gator Eyes
13-600-1064 DP DME Complete set incl measuring module, transponder T3, plot staff, adapter
13-600-1010 Bluetooth Field Printer
15-108-1006 Bluetooth GPS
13-600-1070 Portable power bank/Emergency charger
13-600-1066 DP232 Radio Receiver
Recommended software: TIMS for standing trees art. no. 14-104-1052

The use of green laser may be restricted in your area, please check local legislation prior to ordering. See separate leaflet for more details.

The image shows Gator Eyes laser pointers installed on the Digitech Professional caliper. When Gator Eyes are installed, the total weight of your caliper will increase with approx. 190g./7,6oz.

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