

No other caliper measures up to these features and capabilities—by simply pressing the arrow key, you can choose which function to use in your current work. Everything has been systematically and logically constructed and all routines are well-known and easy to recognize. One person can measure and store diameters or other data with a slide of the caliper arm and the touch of a button.

Features

- Big geographical display (32 x 100 pixels) with adjustable contrast test, diagrams and figures. Easy-to-read in any weather or light conditions (snow, rain).
- Standard Comport (RS 232) and built-in Kermit protocol enables a safer communication with your external equipment. Transmit your data via modem or send it directly to Microsoft Excel®. Transmit data directly to your IBM® compatible computer or a printer.
- High-strength aluminum beam has English and metric graduations and is unharmed by water, dust or resin.
- Tactile enter-key instantly measures, stores or transmits with a simple press of your finger.
- Electronics with a powerful processor and with a large 512kB memory capacity that can handle both complicated calculations and storage of extensive data material.
- Water, condensation or dust will not cause any problems, since all electronic components have been protected and sealed with strong silicone coating.
- A built-in 3V backup battery in the caliper ensures that data is not lost due to battery failure, even if the 9V battery dies.
- A GPS system can be connected to the RS 232 port to store the forestry related data such as coordinates. Even electronic height measurements can be stored for later analysis.
- Calipers carry a 12-month manufacturer warranty.

Specifications

Size:	24" (65cm)
Special Order Sizes:	30" (80cm), 36" (45cm)
Power:	9V ~ 30 hrs. of operation
Operating Temperature:	-20° to 70°C (45°-160°F)
Weight:	2.2-2.4 lb.

Logscale Software

A complete MS-DOS data collection and processing program developed for use in wood yards across North America. LogScale comes with two separate programs for scaling whole length trees and one for segmented logs. It allows you to enter up to 48', record 35 different species and 12 different grades. Data can be obtained directly from the caliper or downloaded to a PC. Volumes are given by species and grade in Doyle, Scribner, International ¼", and cubic foot inside and outside bark. Includes instruction manual and your choice of 3½" or 5¼" disk.

LogScale Software Limitations

- 35 different species
- 12 separate grades
- 500 logs can be stored before downloading

Calcruise Software

Enables the cruiser to record all cruise data including (DBH, height, species, and product) for quick and accurate volumes. Data is easily downloaded to a PC for printing reports that give you volume in Doyle, Scribner, International, and cubic foot by species for the total tract and per acre. Also this MS-DOS software will compute all your cruise statistics. CalCruise comes with two separate programs for both Point Sampling and Plot Sampling, by entering either your plot size or BAF. You may enter 18 species groups and three product classes. The software is also capable of assigning the product class based on a DBH threshold you assign. Height may be measured in logs, half logs or in feet. Includes instruction manual and your choice of 3½" or 5¼" disk.

CalCruise Software Limitations

- 18 species groups
- Three product classes
- 12,750 maximum trees can be entered
- 2,000 points or plots can be entered

The following list of species is preprogrammed into the Mantax Computer. Other species can be added, please specify at the time of ordering the species, or area of usage for this caliper.

Profile Species Code	Species Function Number	Group Number	Species Group Name
1	2	1	Loblolly and Shortleaf Pines
2	1	2	Longleaf and Slash Pines
3	12	3	Red Oak Species Group
4	14	4	White Oak Species Group
5	13	5	Hickory Species Group
6	24	6	Gum Species Group
7	18	7	Poplar Species Group
8	7	8	Miscellaneous Pines
9	21	9	Miscellaneous Oaks
10	25	10	Miscellaneous Hardwoods
11	4	11	Sweet Gum
12	23	12	Yellow-Poplar
13	3	13	Cherry Bark Oak
14	16	14	Post Oak
15	17	15	Black Oak
16	12	16	Southern Red Oak
17	19	17	White Oak
18	24	18	Ash

Ordering Information

105022 24" Computer Caliper

105023 LogScale Software—specify 3½" or 5¼" disk

105024 CalCruise Software—specify 3½" or 5¼" disk

105025 Printer with Cable

FREE Technical Support

When you have a question, you can rely on our team of technical experts. They'll answer your questions about product specifications, chemical compatibility, regulatory issues, and general worker safety and health.

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