

AVOCET

Can you ski
40,000
vertical feet
in a day?

Vertech Ski

For the skier, endurance is measured in total vertical feet skied. And the revolutionary Vertech Ski is the only instrument designed to quantify your performance. The Vertech Ski incorporates state-of-the-art aircraft altimeter technology with Avocet's patented system to measure total vertical feet skied during a ski run, and for the day and week.

Additionally, the Ski measures current, maximum, and average vertical rate of descent, records number of runs skied, and measures altitude.

The Vertech Ski also has a thermometer, barometer, and chronometer. The Vertech Ski by Avocet. Essential equipment for skiers who want to quantify their performance and progress on the slopes.



Measure your ski run

Quantify the performance



Altitude/Time Function

Displays altitude, temperature, and time. Options include date, alarm, maximum altitude, and countdown timer.



Ski Function

Records daily descent, number of runs, and vertical rate of descent. Descent measured in feet or meters. Options include weekly descent, maximum and average vertical



Weather Function

Displays sea level barometric pressure, temperature, and barometric trend. Adjustable for atmospheric change.



Timing Function

Stopwatch records split times, split/lap numbers, and lap times. Options include split/lap groups recalled from memory.



The Vertech Ski



Accessing different functions is simple. The four icons directly below the LCD correspond to the four primary functions. Pressing the purple function button on the left side of the Vertech presents the primary functions, and an identifying bar appears on the LCD above the icon of the chosen function. To present options of a displayed function, press the red option button on the right side.

- Start/Stop Button**
Starts and stops accumulation of vertical feet. Starts and stops timers; resets and select stored data.
- Adjust Button**
Accesses and exits set-up of displayed function.
- Function Button**
Advances through the four primary functions.
- Option Button**
Selects options of primary functions.



Specifications

- Altitude**
 - Current Altitude:** -4,000 to +60,000 feet in 10 foot increments
 - Maximum Altitude:** -4,000 to +60,000 feet in 10 foot increments
 - Clock:** 12 or 24 hour format; to 1 second
 - Alarm:** To 1 minute
 - Countdown Timer:** From 23:59:00
- Ski**
 - Daily Vertical Feet:** To 299,990 feet in 10 foot increments, accumulates only when turned on; resettable
 - Weekly Vertical Feet:** To 299,990 feet in 10 foot increments, accumulates only when turned on; resettable
 - Current Descent Rate:** 0 to 7,600 feet per minute in 50 feet per minute increments
 - Maximum Descent Rate:** 0 to 7,600 feet per minute in 50 feet per minute increments; resettable
 - Average Descent Rate:** From 0 to 7,600 feet per minute in 10 feet per minute increments over a period up to 18 hours; resettable
 - Runs Skied:** To 199 runs; run counter is tripped by a 150 foot descent; resettable

- Weather**
 - Sea Level Barometer:** 28.84 to 31.00 inches of mercury with 0.01 resolution
 - Barometric Trend:** -9.99 to +9.99 inches of mercury with 0.01 resolution
 - Temperature:** 0°F to 122°F in 1° increments
 - Timing**
 - Splits:** Resolution .05 second to 59:59.95, 1 second 1:00:00 to 23:59:59
 - Laps:** Resolution .05 second to 59:59.95, 1 second 1:00:00 to 23:59:59
 - Splits and Split/Lap Groups:** Up to 20

- General Specifications**
 - Dimensions:** 1.60 in wide x 2.05 in high x 0.60 in thick
 - Weight:** 1.3 oz
 - Display:** Triple: upper 0.20 in high, middle 0.10 in high, lower 0.15 in high

- Operational Temperature Range:** 0°F to 122°F
- Water resistance:** Water resistant to 10 feet
- Country of Manufacture:** Made in USA
- US Patent:** #5,058,427

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The Vertech Ski is a precision instrument for downhill and cross-country skiing. A number of innovative design features enhance the Vertech Ski's ease of operation—even under severe weather conditions. The Vertech Ski comes with an extra-wide elastic wrist band that is fully adjustable to fit over any ski jacket. This location provides instant access to function data as well as the instrument's stopwatch functions.

The PosiClick™ function and option buttons at the base of the instrument are contoured and positioned for easy operation while wearing ski gloves. The extra-bold numbers are easy to read under varied weather conditions. Vertical feet skied and altitude are displayed in large numbers for quick reference between ski runs. An optional polyurethane wrist band is available when you convert the Vertech Ski to its Alpin functions.