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

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.
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 selects stored data.

**Adjust Button**
Advances and exits set-up of displayed function.

**Function Button**
Advances through the four primary functions.

**Option Button**
Selects options of primary functions.

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### Temperature
- Lower limit: -40°F
- Upper limit: 122°F

### Time
- 12/24 hour format
- Resolution: .05 second to 59:59.99, 1 second 1:00:00 to 23:59:59

### Date
- Resolution: .05 second to 59:59.99, 1 second 1:00:00 to 23:59:59

### Vertech 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
  - Resettable
- 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:
  - -3.00 to +3.00 inches of mercury with 0.01 resolution
- Temperature:
  - 0°F to 122°F in 1° increments

### Timing
- Splits:
  - Resolution .05 second to 59:59.99, 1 second 1:00:00 to 23:59:59
- Laps:
  - Resolution .05 second to 59:59.99, 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:
  - 1.3 in
- Adjustable to fit over any ski jacket. This location provides instant access to Ski function data as well as the instrument's stopwatch functions.

### Operational Temperature Range
- -30°F to 122°F

### Water resistance:
- Strap: Water resistant to 10 feet water resistant to 10 feet water resistance to 10 feet

### Country of Manufacture:
- Made in USA
- US Patent: #5,058,427

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**Specifications**

### Altitude
- Current Altitude:
  - -4,000 to +40,000 feet in 10 foot increments
- Maximum Altitude:
  - -4,000 to +40,000 feet in 10 foot increments

### 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 59:59.99, 1 second 1:00:00 to 23:59:59
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