

SUUNTO COMPARISON CHART

FEATURES	STYLE	SUUNTO X9i	SUUNTO X6HR	SUUNTO X6	SUUNTO OBSERVER	SUUNTO X-LANDER	SUUNTO VECTOR
							
ALTIMETER							
Altitude range -500m - 9000m	YES	YES	YES	YES	YES	YES	YES
Logbook function	YES	YES	YES	YES	YES	YES	YES
Recording intervals	10s, 20s, 60s	2s, 10s, 60s	10s, 60s	---	---	20s, 60s, 10min, 60min	20s, 60s, 10min, 60min
Ascent speed alarm	---	YES	YES	---	---	---	---
Automatic 24-hour memory	---	---	---	---	---	YES	YES
Difference measurement	YES	YES	YES	---	---	YES	YES
Altimeter/barometer lock	YES	YES	YES	YES	---	---	---
Log graph	---	YES	YES	---	---	---	---
Quick access to logbook	YES	---	---	YES	---	---	---
History memory	YES	YES	YES	YES	---	---	---
Altitude alarm	YES	YES	YES	---	---	YES	YES
User-removable logbook files	YES	YES	YES	---	---	---	---
Resolution	1 m	1 m	1 m	1 m	---	5 m	5 m
Real-time vertical cumulative value	---	YES	YES	---	---	---	---
Temperature compensation	YES	YES	YES	YES	YES	YES	YES
Total Ascent/Descent	---	YES	---	---	---	---	---
Vertical speed	YES	YES	YES	YES	YES	YES	YES
CHRONOGRAPH							
Countdown timer	---	---	---	---	---	YES	YES
Interval Reminder	---	---	YES	---	---	---	---
Interval trainer	---	YES	---	---	---	---	---
Max number of split times in memory	29	unlimited	unlimited	99	2	---	2
Scrolling of lap times	YES	YES	YES	YES	---	---	---
Stopwatch	YES	YES	YES	YES	YES	YES	YES
COMPASS							
Automatic magnetic declination adjustment	YES	---	---	---	---	---	---
Bearing in degrees	YES	YES	YES	YES	YES	YES	YES
Bearing tracking	YES	YES	YES	YES	YES	YES	YES
Cardinal bearing	YES	---	---	YES	YES	YES	YES
Declination setting	YES	YES	YES	YES	YES	YES	YES
Graphic compass rose	---	YES	YES	---	---	---	---
Guided calibration	YES	YES	YES	---	---	---	---
Compass Level High Accuracy Types	---	electronic	electronic	---	---	---	bubble
North-South arrow	YES	---	---	---	YES	YES	YES
Tilt compensated compass	YES	---	---	---	---	---	---
HEART RATE							
HR_graph	---	YES	---	---	---	---	---
HR limits	---	YES	---	---	---	---	---
Recording intervals	---	2s, 10s, 60s	---	---	---	---	---
OTHER							
Adjustable backlight duration	YES	---	---	---	---	---	---
Backlight option for night use	YES	YES	YES	---	---	---	---
Backlight type	Led	Electro-luminescent Display	Electro-luminescent Display	Electro-luminescent Display	Electro-luminescent Display	Electro-luminescent Display	Electro-luminescent Display
Dot-matrix display	YES	YES	YES	---	---	---	---
Menu-based user interface	YES	YES	YES	---	---	---	---
Mineral crystal glass	---	YES	YES	YES	YES	YES	---
Operating temperature	-20°C - +60°C	-20°C - +60°C	-20°C - +60°C	-20°C - +60°C	-20°C - +60°C	-20°C - +60°C	-20°C - +60°C
Selectable metric/imperial units	YES	YES	YES	YES	YES	YES	YES
Storage temperature	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C	-30°C - +60°C
SuuntoSports.com benefits	YES	YES	YES	---	---	---	---
Water resistance	100m	100m	100m	100m	100m	30m	30m
PC SOFTWARE							
Software name	Suunto Trek Manager	Suunto Activity Manager	Suunto Activity Manager	---	---	---	---
POWER							
Low battery warning	YES	YES	YES	YES	YES	YES	YES
Rechargeable battery	YES	---	---	---	---	---	---
User replaceable battery	---	YES	YES	YES	YES	YES	YES
115-240VAC charger	YES	---	---	---	---	---	---
Battery power indicator	YES	---	---	---	---	---	---
SPECIAL							
Clinometer	---	YES	YES	---	---	---	---
GPS resolution	1 m/3ft	---	---	---	---	---	---
Speed	YES	---	---	---	---	---	---
WATCH							
12/24h	YES	YES	YES	YES	YES	YES	YES
Calendar clock	YES	YES	YES	YES	YES	YES	YES
Daily alarms	3	3	3	3	3	3	3
Date option for alarm	---	YES	YES	---	---	---	---
Dual time	YES	YES	YES	YES	---	---	---
GPS time synchronization	YES	---	---	---	---	---	---
Stopwatch	YES	---	---	---	---	---	---
WEATHER							
Absolute barometric pressure	YES	YES	YES	YES	YES	YES	YES
Altimeter/barometer lock	YES	YES	YES	YES	---	---	---
Barometer range 8,9 -32,4 inHg/300-1100 mbar	YES	YES	YES	YES	YES	YES	YES
Barometer resolution 0,05 inHg/1 mbar	YES	YES	YES	YES	YES	YES	YES
Difference measurement	---	---	---	---	---	YES	YES
Sea level pressure	YES	---	YES	YES	YES	YES	YES
Temperature	YES	YES	YES	YES	YES	YES	YES
Temperature range	-20°C - +60°C	-20°C - +60°C	-20°C - +60°C	-20°C - +60°C	-20°C - +60°C	-20°C - +60°C	-20°C - +60°C
Temperature resolution	1°C	1°C	1°C	1°C	1°C	1°C	1°C
Trend graph	YES	YES	YES	---	---	---	---
Trend indicator	---	---	---	YES	YES	---	YES
Weather alarm	YES	YES	YES	---	---	YES	YES
Weather memory	7 days	2 days	2 days	4 days	4 days	4 days	4 days