

	<b>ELEMENTUM TERRA</b>	<b>TRAVERSE</b>	<b>CORE</b>
Weight	97 g	80 g	80 g
Bezel material:	Steel	Stainless steel	Steel/Aluminium
Lens material:	Sapphire crystal	Mineral crystal	Mineral crystal
Case material:	Stainless steel	Composite	Composite
Strap material:	Leather	Silicone	Elastomer/Silicone
<b>GENERAL</b>			
Water resistance	100 m	100 m	30 m
Battery life in time mode	12 months	14 days	12 months
Battery type	CR2032	rechargeable lithium-ion	CR2032
Firmware upgradable	no	yes	no
Time, date		yes	yes
Alarm clock	1 daily alarm	1 daily alarm	1 daily alarm
Dual time	-	yes	yes
GPS timekeeping	-	yes	no
Countdown timer	-	yes	yes
Stopwatch timer	yes	yes	yes
Backlight	electro-luminescent display	LED	electro-luminescent
Configurable backlight	-	brightness / mode	activation: 1 button, all buttons
Button lock	customizable	customizable	no
Invert display	no	yes	no
Display type	matrix	matrix	matrix
Display resolution	128 x 128	128 x 128	-
Battery indicator	low battery indicator	low battery indicator	low battery indicator
Metric and imperial units	yes	yes	yes
Automatic daylight saving time	-	no	no
Vibration alert	-	yes	no
Flashlight backlight option	-	yes	no
User Replaceable battery	yes	no	yes
<b>SUUNTO APPS</b>			
Compatible with Suunto Apps	-	yes	-
Max. nr. of apps per sport mode	-	3	-
Logging of app specific metrics	-	-	-
Most recommended apps by activity	-	-	-
Chrono, GPS, HR, weather and altitude data	-	-	-
Running, cycling, swimming data	-	-	-
Rich math functions	-	-	-
<b>COMPASS</b>			
Digital compass	yes	yes	yes
Tilt compensation	up to 45°	full	no
Direction scale	degrees	degrees / mils	degrees
Needle	north indicator	north indicator	north indicator
Bearing lock with orienting indicator	-	-	-
Compass accuracy	5°	5°	5°
Compass resolution	1°	1°	1°
Declination correction	no	yes	no
Bearing lock with direction indicator	no	yes	no
<b>PHYSICAL SPECIFICATIONS</b>			
Operating temperature	-20° C to +60° C	-20° C to +60° C	-20° C to +60° C
Storage temperature	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C
Recommended charging temperature	-	0° C to +35° C	-
<b>GPS TRACKING &amp; NAVIGATION</b>			
Satellite systems	-	GPS, GLONASS	-
GPS recording rate	-	Best, Good, OK	-
Battery life (GPS active)	-	10, 15, 100 h i	-
Coordinate systems	-	WGS84 / NZTM	-
Waypoint and visual route navigation	-	yes	-
Max. nr. of Points of Interest (POIs)	-	250	-
Find back	-	yes	-
Track back	-	yes	-
Track logging, viewing and sharing	-	yes	-
Route planning	-	yes	-
Route points per route / POIs in watch	-	1000 / 250	-
Route planning with altitude profile	-	-	-
Route altitude graph on watch	-	-	-
Breadcrumb trail in real time	-	yes	-

<b>ALTIMETER</b>			
Barometric altitude	yes	yes	yes
GPS altitude	no	yes	no
Combined GPS and barometric altitude	no	yes	no
Altitude graph	no	yes	yes
Total ascent/descent	air pressure based	air pressure based	air pressure based
Vertical speed	-	air pressure based	-
Altitude difference	no	in log summary, and App	yes
Log recording rate	1, 5, 10 s	1, 10 s	1, 5, 10, 30, 60 s
Resolution	1 m	1 m	1 m
Range	-500 - 9000 m	-500 - 9999 m	-500 - 9000 m
Automatic alti/baro profile		yes	yes
Total ascent summaries on watch	-	-	-
<b>WEATHER</b>			
Sea level pressure		yes	yes
Sea level pressure graph	-	yes	yes
Weather trend indicator		yes	yes
Temperature	-	yes	yes
Temperature display range	-	-20° C to +60° C	-20° C to +60° C
Sunrise/sunset times	-	yes	yes
Automatic alti/baro profile		yes	yes
Storm alarm	-	yes	yes
Tide information	-	yes	-
Pressure resolution	1hPa/0.03 inHg	1 hPa / 0.03 inHg	1 hPa / 0.03 inHg
Temperature resolution	1°	1°	1°
Max weather recording length	last 6 hours	past 26 hours	7 days
<b>SPEED AND DISTANCE</b>			
Distance based autolaps	-	-	-
Log recording rate	-	1, 10 s	-
GPS Speed and distance	-	Integrated	-
Foot POD support	-	-	-
Bike POD support	-	-	-
<b>HEART RATE (REQUIRES A HR)</b>			
RR interval	-	-	-
Heart rate in beats per minute	-	yes	-
Heart rate in % of max hr	-	yes	-
Real-time average and max heart rate	-	-	-
Heart rate limits	-	-	-
Heart rate zones	-	yes	-
EPOC & V02 max values	-	-	-
Heart rate graph in real time	-	-	-
Calories	-	yes	-
Peak Training Effect	-	-	-
Recovery time	-	-	-
Real time EPOC	-	-	-
Log recording rate	-	1, 10 s	-
Records heart rate in swimming	-	with Smart Sensor	-
<b>TRAINING, PLANNING &amp; ANALYSIS</b>			
Chrono	-	yes	-
Laps	-	> 1000	-
Autopause	-	yes	-
Autoscrolling of exercise displays	-	-	-
Memory left indicator	-	yes	-
Speed and heart rate-based guidance during exercise	-	-	-
Interval timers	-	-	-
Fitness test	-	-	-
Training plans downloadable from Movescount	-	-	-
Log summary on the watch with lap details	-	yes	-
Customizeable sport modes and displays	-	5 modes / 4 displays	-
Training analysis	-	yes	-
Training logbook with story and image support	-	yes	-
GPS track analysis	-	yes	-
Activity based recovery time	-	-	-
Sleep recovery test (Firstbeat™)	-	-	-
Quick recovery test (Firstbeat™)	-	-	-
Workout Planner	-	-	-

Activity monitoring	-	-	-
Compatible with online sports communities	-	yes	-
<b>MULTISPORTS</b>			
Change sport mode during exercise	-	-	-
Preconfigured multisport modes	-	-	-
Multisport exercise summary	-	-	-
Post-analysis of multisport exercise by sport * i	-	-	-
<b>RUNNING</b>			
Running pace	-	yes	-
Suunto FusedSpeed™	-	-	-
Average pace in real time	-	-	-
Running cadence	-	-	-
Average stride length	-	-	-
Ghost Runner	-	-	-
Marathon End-time Estimator	-	-	-
Lap comparisons by kilometer	-	-	-
Running Performance (Firstbeat™)	-	-	-
Running power with Stryd sensor	-	-	-
Foot POD calibration	-	-	-
<b>CYCLING</b>			
Cycling speed	-	based on GPS	-
Average speed in real time	-	based on GPS	-
Multiple Bike POD support	-	-	-
Hill incline in real time	-	-	-
Bike Power (W), avg & max (with sensor)	-	-	-
Bike Power 3s, 10s, 30s (with sensor)	-	-	-
Bike Lap and Lap Maximum Power (with sensor)	-	-	-
Power distribution & graphs (with sensor)	-	-	-
Peak Power Curve for outputs (with sensor)	-	-	-
Normalized Power (Suunto Apps)	-	-	-
Aerodynamic drag in real time (with sensor)	-	-	-
Cadence POD Support	-	-	-
<b>SWIMMING</b>			
Pool swim pace and distance	-	-	-
Openwater swim pace and distance	-	-	-
Swimming time by pool length, lap, total	-	-	-
Swimming stroke rate, count and type	-	-	-
Swim styles detection with personal style teaching	-	-	-
Stroke efficiency (SWOLF)	-	-	-
Automatic intervals	-	-	-
Dynamic lap table with stroke, pace and duration	-	-	-
Records heart rate in swimming	-	-	-
<b>CONNECTIVITY</b>			
Watch customization	-	Wireless / USB cable	-
Compatible with Suunto Movescount App	-	yes	-
Photos with watch data overlays	-	with Movescount	-
Data transfer	-	Wireless / USB cable	-
Connectivity (between devices)	-	Bluetooth Smart	-
Smartphone compatibility	-	iPhone, Android	-
Phone notifications on the watch	-	with Movescount	-
Phone as secondary display of watch	-	yes	-
Suunto Movies	-	with Movescount	-