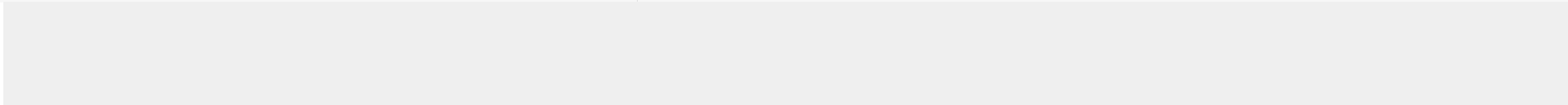


## SUUNTO VYPER NOVO – TECHNICAL SPECIFICATIONS

### GENERAL

Bezel material:	Composite
Lens material:	Acrylic
Case material:	Composite
Strap material:	Elastomer
Weight	134 g
Battery life in time mode	2 years
Water resistance	120 m (ISO 6425, EN 13319)
Battery life 100 dives/year	1.5 years
Battery type	CR 2450
User replaceable battery	√

Time, date	√
Alarm clock	1 daily alarm
Dual time	√
Stopwatch timer	√
UI languages	EN
Backlight	electro-luminescent & phosphor-luminescent
Configurable backlight	duration: off, 5, 10, 20, 30, 60 s
Display type	matrix
Display resolution	49 x 22
Battery indicator	low battery indicator
Metric and imperial units	√



## CONNECTIVITY

Data transfer	USB cable
Connectivity (between devices)	inductive
Compatible with Suunto Movescount	√
Compatible with DM5	

## COMPASS

Digital compass	√
Tilt compensation	up to 45°
Declination correction	√
Direction scale	degrees
Needle	compass rose

Globally balanced	
Bearing lock with direction indicator	√
Compass accuracy	5°
Compass resolution	1°

**PHYSICAL SPECIFICATIONS**

Operating temperature	0° C to +40° C / +32° F to +104° F
Storage temperature	-20 ° C to +50 ° C / -4° F to +122° F

## DIVING FUNCTIONS

### BASIC

Maximum operating depth (EN 13319)	80 m
Nitrox (and air)	√
Freedive	√
Gauge	√
Dive time	0 to 999 min
Surface time	0 to 99 h 59 min
No fly time	√
Safety Stop	√
Deep Stop	√
Ascent time display	0 - 199 min (- - after 199)

CNS/OTU (OLF) calculation	√
Wireless air integration	optional
Gas time	√
Decompression model	SUUNTO RGBM
Personal adjustment	0 - 2
Altitude adjustment	0 - 300 m / 300 -1500 m / 1500 - 3000 m
Gases	up to 3 gases (Oxygen 21 - 99%)
Gas max pO2	1.2 - 1.6
Gas switching	√
Timer	√
No-decompression planner	√
Logbook memory	~140 h (20 s sampling rate)

Logbook bookmarks	√
Logbook sampling rates	10, 20, 30, 60 s (1, 2, 5 s freediving)
Dive History	lifetime

#### **DIVE ALARMS AND NOTIFICATIONS**

Dive time	√
Maximum depth	√
Tank pressure	√
Gas time	√
High pO <sub>2</sub> (hyperoxic)	√
Too fast ascent	√
Decompression ceiling violation	√

Deepstop violation	√
CNS/OTU (OLF) 80% / 100%	√
Switch gas (better gas is available)	√

## FREEDIVING

Apnea timer (O2/CO2 tables)	√
Freedive number	√
Freedive day history	√
Freedive total history	lifetime
Depth notify	yes (5)
Surface time notify	√



**OUTDOOR FUNCTIONS**

**WEATHER**

Temperature display range	-20° C to +50° C (+/- 2° C) / -9° C to +122° F (+/- 3.6° F)
Temperature	√
Temperature resolution	1° C / 1.5° F

**TRAINING/SPORTS FUNCTIONS**

**TRAINING, PLANNING & ANALYSIS**

Chrono	√
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