

TECHNICAL FEATURES	STINGER	MOSQUITO	COBRA	FAVOR AIR LUX	VYPER	FAVOR /FAVOR LUXS (FUSION IN THE US)	OCTOPUS II
AIR, NITROX AND GAUGE MODES *	■ FREE/GAUGE*	■ FREE*	■				
MEMORIES							
• Profile (sampling rate)	~36 h (20 s**)	~36 h (20 s**)	~36 h (20 s**)		~36 h (20 s**)		
• Logbook	~36 h	~36 h	~36 h	9 dives	~36 h	9 dives	9 dives
• History	lifetime	lifetime	lifetime	lifetime	lifetime	lifetime	lifetime
PC-INTERFACE COMPATIBLE	■	■	■		■		
CYLINDER PRESSURE & REMAINING AIR TIME DATA			■	■			
ASCENT RATE							
Warning & magnitude	■	■	■	■	■	■	■
PERSONAL ADJUSTMENT (Three-step) separate	■		■		■		
Combined with altitude adjustment				■		■	■
ALTITUDE ADJUSTMENT							
0-2400 m [0-8000 ft]				■		■	■
0-3000 m [0-10000 ft]	■	■	■		■		
NO-DECOMPRESSION TIME	■	■	■	■	■	■	■
CONSUMED BOTTOM TIME			■		■	■	■
BAR GRAPH							
DECOMPRESSION STOP DATA***	■	■	■	■	■	■	limited
ASCENT TIME DISPLAY (during decompression dive)	Up to 99 min.	Up to 99 min.	Up to 99 min.	Up to 63 min.	Up to 99 min.	Up to 63 min.	
DECOMPRESSION STOP CEILING	■	■	■	■	■	■	■
EXTENDED DECOMPRESSION RANGE (ceiling, floor)	■		■		■		
TISSUE CALCULATION MODEL	SUUNTO RGBM****	SUUNTO RGBM****	SUUNTO RGBM****	SUUNTO	SUUNTO RGBM****	SUUNTO	SUUNTO
COMPARTMENTS	9	9	9	8	9	8	8
SAFETY STOP COUNTDOWN	2.5-6 m [8-20 ft]	2.5-6 m [8-20 ft]	2.5-6 m [8-20 ft]		2.5-6 m [8-20 ft]		
BUILT-IN DIVE SIMULATOR			■		■		
CALENDAR CLOCK	■ with dual time	■ with dual time	■	■	■	■	■
STOPWATCH	■	■					
NO-FLYING SYMBOL AND TIME NOT TO FLY (desaturation time)	■	■	■	■	■	■ Lux S (FUSION)	■
ELECTROLUMINESCENT ILLUMINATION	■	■	■	■	■		
AUTOMATIC ACTIVATION	■	■	■	■	■	■	■
DEPTH DISPLAY RANGE	0-150 m [0-450 ft]	0-150 m [0-450 ft]	0-150 m [0-450 ft]	0-90 m [0-295 ft]	0-150 m [0-450 ft]	0-90 m [0-295 ft]	0-90 m [0-295 ft]
DEPTH DISPLAY RESOLUTION	0.1 m [1 ft]	0.1 m [1 ft]	0.1 m [1 ft]	0.1 m [1 ft]	0.1 m [1 ft]	0.1 m [1 ft]	0.1 m [1 ft]
TEMPERATURE DISPLAY	■	■	■	■	■	■	■
AUDIBLE ALARMS	■	■	■	■	■	■ Lux S (FUSION)	
MAXIMUM DEPTH ALARM	■	■	■		■		
DIVE TIME ALARM	■	■	■		■		
DAILY ALARM	■	■	■		■		
LOW BATTERY WARNING	■	■	■	■	■	■	■
BATTERY POWER INDICATOR	■	■	■	■	■	■	■
USER REPLACEABLE BATTERY		■	■	■	■		
USER SELECTABLE METRIC OR IMPERIAL UNITS	■	■	■		■		
NITROX FEATURES							
NITROX MIXTURES (O <sub>2</sub> ) (programmable in 1% increments)	21-50%	21-50%	21-50%		21-50%		
ADJUSTMENT FOR PARTIAL PRESSURE (PO <sub>2</sub> ) (in 0.1 increments)	1.2 - 1.6 bar	1.2 - 1.6 bar	1.2 - 1.6 bar		1.2 - 1.6 bar		
OXYGEN LIMIT FRACTION (OLF) BAR GRAPH	■	■	■		■		

\* Each one of the separate modes includes detailed profile memory. Free mode in Stinger automatically changes to Gauge mode after 5 minutes of diving. Mosquito has Free mode only.

\*\* Default in Air and Nitrox modes. Other sampling rates, 10, 30 and 60 seconds, are selectable with the PC-interface unit and software. In Mosquito only 20 seconds. In Stinger Free/Gauge mode the default sampling rate is 4 sec. This can be reset to 2, 10, 20, 30 and 60 seconds without any additional equipment. Mosquito's sampling rate in Free mode 2 seconds.

\*\*\* Decompression stop dives require special training.

\*\*\*\* The Suunto RGBM is a further extension of the Suunto calculation model based on the modified Haldanean principle incorporating Doppler meter silent microbubble research done by Dr. Merill Spencer. The Suunto RGBM multi-level tissue calculation model is an implementation developed in co-operation with Suunto and Bruce R. Wienke and is based on laboratory experiments and dive data such as from Divers Alert Network (DAN).