

	Shearwater Petrel 2	Shearwater Petrel 2 EXT oc/cc	Shearwater Perdix	Shearwater Perdix AI	Scubapro Aladin Sport Matrix	Scubapro Chromis	Scubapro Mantis
	Wrist	Wrist	Wrist	Wrist	Wrist	Wrist	Wrist
Warranty	2 years	2 years	2 years	2 years	2 years	2 years	2 years
Price	\$1,075	\$1,495	\$1,075	\$1,075	\$580	\$750	\$850
Depth rating	450 Ft.	450 Ft.	450 Ft.	450 Ft.	394ft	394ft	394 st.
User Interface	2 button	2 button	2 button	2 button	2 button	4 button	4 Button
Replacable Battery	Yes	Yes	Yes	Yes	Yes	no	no
Battery	Single AA any type	Single AA any type	Single AA any type	Single AA any type	CR2450	CR2430	CR2032
Algorithm	Bühlmann decompression model with gradient factors conservatism	Bühlmann decompression model with gradient factors conservatism	Bühlmann decompression model with gradient factors conservatism	Bühlmann decompression model with gradient factors conservatism	Predictive Multi-Gas ZHL16 ADT MB algorithm	ZHL8 ADT MB algorithm	UWATEC ZHL-8 Predictive Multi-Gas (PMG) algorithm
Set Conservative Factor	Yes	Yes	Yes	Yes	yes	Yes(5 levels of	Yes 5 Levels
Air Intigrated	No	No	No	Yes, up to 2	no	No	no
Nitrox	Yes, up to 100%	Yes, up to 100%	Yes, up to 100%	Yes, up to 100%	Yes, up to 100%	Yes, up to 100%	Yes, up to 100%
Trimix	Yes	Yes	Yes	Yes	No	No	No
multiple gases	5 oc and 5 cc	5 oc and 5 cc	5 oc and 5 cc	5 oc and 5 cc	3 gases	NO	3 Gases
Gauge mode	Yes	Yes	Yes	Yes	yes	Yes	Yes
Freedive Mode	NO	NO	NO	NO	yes	Yes	Yes
Audible alarm	No	No	No	No	yes	Yes	Yes
Programable alarms	Yes- Visual alarm	Yes- Visual Alarm	Yes- Visual Alarm	Yes- Visual Alarm	Yes	Yes	Yes
Digital Compass	Yes	Yes	Yes	Yes	yes	No	No
PC compatible	Yes	Yes	Yes	Yes	Yes	yes	Yes
PC download cable	Bluetooth capable	Bluetooth capable	Bluetooth capable	Bluetooth capable	Bluetooth	\$128	\$165
Dive Log	1000 hours	1000 hours	1000 hours	1000 hours	24 Dives	50 Dive hours	50 dive hours
History	N/A	N/A	N/A	N/A	n/a	N/A	N/a
Automatic Safty Stop prompt	Yes, only in Recreational mode	Yes, only in Recreational mode	Yes, only in Recreational mode	Yes, only in Recreational mode	Yes	yes	Yes
Accent Rate	Yes	Yes	Yes	Yes	yes	yes	Yes
Deep Stop	yes, optional	yes, optional	yes, optional	yes, optional	yes, optional	no	yes
Dive Planning	Yes	Yes	Yes	Yes	yes	Yes	yes
Rebreather Compatible	Automatic PPO2 set-point switching (configurable)	External (EXT) PPO2 monitoring	Constant PPO2	Constant PPO2	no		Fixed PPO2 CCR algorithm
Altitude Ajusting	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Additional Info	Color screen, Programmable menu screen and settings, regular software updates	Fischer connector monitors 1-3 O2 sensors, regular firmware updates, made in Canada	Slimmer design. Big easy to read screen, Made in Canada. Regular firmware updates	Slimmer design. Big easy to read screen, Made in Canada. Regular firmware updates	Easy to program with forward and back buttons. Easy to read display.	When used in swim mode can be used as a kick counter/distance counter	When used with the optional heart rate monitor algorithm will automatically adjust to diver physical workload

Deepblu Cosmiq+	Sherwood Amphos	Sherwood Vision
Wrist	Wrist	Console
2 Years	2 Years	2 Years
\$425	\$550 or \$1250 air intergrated	\$999
330 ft..	330 Ft.	394 ft.
2 Button	4 button	3 Button
no	Yes	Yes
USB Rechargable	CR2430	CR2450
Bühlmann ZHL-16C	DSAT Decompression Model/Modified Haldanean	modified Haldanean
Yes 3 levels	yes	YEs
no	Optional	Yes(hose)
Yes, up to 40%	Yes up to 50%	Yes
no	No	No
no	2 Gas	4 Gases
Yes	Yes	Yes
yes	Yes	No
yes	Yes	Yes
yes	Yes	Yes
no	No	Yes
Yes	Yes	Yes
Bluetooth	\$126	Included
25 dives	24 dives	110 Dives
n/a	Total number of dives up to 999 and hours up to 9999	Total number of dives up to 9999 and hours up to 9999
Yes	Yes	Yes
Yes	Yes	Yes
Yes	yes, optional	Yes
Yes	Yes	Yes
no	no	
Automatic	Automatic	Automatic
Programable from phone via app, syncs with phone gps for dive log,	Sports watch stye design	Quick release built in to remove computer from hose, Digital Compass