

Q7 What features are most important to you in a dive planning software or app?

[Tech Divers only]



#	RESPONSES	DATE
1	Completeness of planning including ICD warnings, CNS %, OTUs, gas estimates, etc.	10/22/2022 9:08 AM
2	Flexibility to adjust depths, times, gradient factors. Ease of use.	10/21/2022 5:31 AM
3	RARELY USED, AND FOR A QUICK AND DIRT GUIDE... MAINLY PLANNING BOTTLES AND GASSES, FOE EXTREME DIVES OR MORE OFTEN TRAINING SESSIONS	10/20/2022 9:53 PM
4	N/a	10/14/2022 2:52 PM
5	adjustability, clear information, values explained, deco plan	10/14/2022 5:08 AM
6	Flexibility and presentation	10/14/2022 3:44 AM
7	Reliability	10/14/2022 1:48 AM
8	UI/UX ease of parameter adjustment to see resulting changes/effects on the plan.	10/13/2022 8:43 PM
9	amount of gas needed	10/13/2022 4:48 PM
10	Table generation Flexible multi-level profile entry Easy export to Excel Graphs / Analysis per tissue	10/13/2022 3:55 PM
11	User interface, cost, cross platform, offline capability, lack of subscription	10/12/2022 12:00 AM
12	Availability of iPhone app and both OC and CCR multi gas deco and bailout planning	10/10/2022 12:29 PM
13	Dive parameters config. Gaz list easy to use. Gaz blending help. Best gaz Lost gaz/ +/- time or depth Run time print	10/7/2022 2:47 PM
14	Deco schedule and bailout gas planning	10/7/2022 12:21 PM
15	different OC bailout (gas) planning	10/7/2022 2:52 AM
16	Best mix, bailout planning, contingency for lost gas	10/6/2022 11:17 PM
17	Intuitive use	10/6/2022 7:23 PM
18	Ease of use.	10/3/2022 12:04 PM
19	Gasplanning	10/2/2022 2:06 AM
20	Adjustable GF	10/1/2022 11:10 PM
21	Easy "what if" function to try out different scenarios.	10/1/2022 5:29 PM
22	flexibility/ standard gas mixes/ comparing profiles	9/30/2022 1:35 PM
23	Simplicity	9/29/2022 7:14 PM
24	Simplicity Clarity Gas switches Customisable	9/29/2022 11:37 AM
25	Ease of use, gas requirement calculations , gradient factors, ability to adjust last stop depth	9/29/2022 7:43 AM
26	Accuracy	9/27/2022 10:01 PM
27	Flexibility and UI	9/27/2022 1:54 AM
28	configurability and ease of changing dive parameters to see different profiles	9/27/2022 1:54 AM
29	Reliability, Customisable GF, Intuitive interface, Desktop and iOS versions.	9/26/2022 10:29 PM
30	They all offer pretty much the same features, but improved printing ability for the plan would be	9/26/2022 5:29 PM

Dive Computers - Exploratory Survey

	nice.	
31	Ease of use	9/25/2022 7:12 PM
32	the algorithm must be original and not modified	9/25/2022 7:53 AM
33	clear information and simplicity of usage, few different algoritms to compare	9/25/2022 4:01 AM
34	to set up all the warning we concern in tech dive like po2/ CNS Oxygen Toxicity/ ICD/ etc.	9/25/2022 3:59 AM
35	Rt, gas	9/25/2022 1:30 AM
36	Easy of use	9/24/2022 10:59 PM
37	Bhulmann, screen with bright numbers. Multi gas, trimix	9/24/2022 10:25 PM
38	Easily change profile parameters to suit the dove in hand and a simple interface as that is less likely to create error whilst in planning phase.	9/24/2022 9:57 PM
39	None	9/24/2022 9:27 PM
40	App	9/24/2022 6:41 PM
41	Deco duration details and bailout gas needs	9/24/2022 2:42 PM
42	Multi gas	9/24/2022 1:59 PM
43	User interface, accuracy	9/24/2022 1:51 PM
44	Matching the dive computer	9/24/2022 1:06 PM
45	Dive planning software	9/24/2022 12:03 PM
46	easy to work	9/24/2022 11:54 AM
47	Other dove related tools and simplicity in programming the dive parameters.	9/24/2022 11:42 AM
48	Look the different opportunity	9/24/2022 10:14 AM
49	Ease of use	9/24/2022 10:05 AM
50	Simple, fast	9/24/2022 10:02 AM
51	Bailout planning. Gradient Factor adjustments, switching between algorithms	9/24/2022 8:21 AM
52	Delta time 3-5	9/24/2022 7:33 AM
53	Ease of use	9/24/2022 6:39 AM
54	Ease of use	9/24/2022 6:31 AM
55	Ease of use	9/24/2022 6:14 AM
56	customising deco runtime	9/24/2022 6:04 AM
57	Open source	9/24/2022 3:49 AM
58	Ability to match to my computer's algorithm and settings.	9/24/2022 3:27 AM
59	Repetitive dives with surface interval, MOD calculator, gas top up calculator	9/24/2022 2:45 AM
60	Easy to use, easy to understand, correct GF	9/24/2022 1:19 AM
61	User ability to personalize	9/23/2022 11:09 PM
62	Reliable algorithms and close match to dive computer (I run Shearwater with GF)	9/23/2022 10:51 PM
63	Multi variable input and ease of use	9/23/2022 10:46 PM
64	Gas planning	9/23/2022 10:39 PM
65	Ability to match the deco algorithm Multilevel planning Gas volumes Stop depths	9/23/2022 10:13 PM
66	Deco algorithm, ease of use.	9/23/2022 10:10 PM
67	Deco calculations	9/23/2022 9:23 PM

Dive Computers - Exploratory Survey

68	Multi gases and GF. A clear interface is important too.	9/23/2022 9:02 PM
69	Gradient factors and cave	9/23/2022 7:50 PM
70	Gas calculations	9/23/2022 7:30 PM
71	Buhlmann and VPN models.	9/23/2022 7:13 PM
72	Schedule, gas management	9/23/2022 7:00 PM
73	Gas planning	9/23/2022 6:36 PM
74	Accurate decompression planning and gas use.	9/23/2022 6:21 PM
75	Deco planning for tech diving, n/a for Rec diving	9/23/2022 6:06 PM
76	Ability to adjust gradient factors. Enter RMV and calculate bailout	9/23/2022 5:55 PM
77	Deco time, 2nd dive, gas consumption for planned dive profile with lost gas plans	9/23/2022 5:30 PM
78	Grandiant factors	9/23/2022 5:02 PM
79	N/a	9/23/2022 5:01 PM
80	The algorithm matching the one in the dive computer	9/23/2022 4:42 PM
81	BO gas requirement calculation, cave type BO gas calculation, possibility to tweak ascent & descent times to match real world, max. runtime calculation with current BO gases. Gas blending tools, optimum gas	9/23/2022 4:01 PM
82	Ease of use.	9/23/2022 3:52 PM
83	Gas planning, deco timing and stops, o2 exposure and accumulation	9/23/2022 3:48 PM
84	It the one I used on my tech course.	9/23/2022 3:48 PM
85	Multiple levels profiles	9/23/2022 3:42 PM
86	Runtime, gas plan, bail out plan	9/23/2022 3:02 PM
87	Bailout planning	9/23/2022 3:00 PM
88	Simplicity, Deco Planing, gaz consumption planing, Fail at bottom / travel	9/23/2022 3:00 PM
89	Estimated gas, open circuit bailout, estimated decompression, logging dives	9/23/2022 2:50 PM
90	Ease of use Gas flexibility	9/23/2022 2:36 PM
91	Ease of use	9/23/2022 2:30 PM
92	CCR and OC planning Adjustable GFs Multiples mixes Buhlman	9/23/2022 2:15 PM
93	Ease of use	9/23/2022 2:12 PM
94	GUI	9/23/2022 2:05 PM
95	Ability to view tables.	9/23/2022 2:01 PM
96	Multiple scenario, decompression parameters (personnalisation is very imoportant), gaz calculation	9/23/2022 1:57 PM
97	easy use, friendly gui	9/23/2022 1:51 PM
98	Usability, multiplatform, free of charge	9/23/2022 1:46 PM
99	Ease of use	9/23/2022 1:44 PM
100	To understand it and its implications	9/23/2022 1:44 PM
101	The ability to plan deco stop strategies and gas planning.	9/23/2022 1:43 PM
102	Do not use	9/23/2022 1:42 PM
103	Ease of use, having all params visibly displayed	9/23/2022 1:41 PM

Dive Computers - Exploratory Survey

104	Gas consumption, turn pressures, easy to make back up tables.	9/23/2022 1:40 PM
105	Configurability (algorithms. settings. etc..)	9/23/2022 1:36 PM
106	simplicity	9/23/2022 1:22 PM
107	fully customisable, clear, definable limits	9/23/2022 8:53 AM
108	Runtime, BailOut Scenario, Gas mixing tools	9/23/2022 8:50 AM
109	Algorithm matches dive computer, adjust GFs, reports BO gas usage	9/23/2022 2:31 AM
110	simplicity, repetitive dive planning, gas planning / blending	9/23/2022 2:24 AM
111	Gas planning, deco plan and contingency planning	9/23/2022 12:53 AM
112	User defined input	9/22/2022 10:58 PM
113	Accurate implementation of the algorithm	9/22/2022 8:06 PM
114	Versatility and ease of use	9/22/2022 7:44 PM
115	all	9/22/2022 7:18 PM
116	gas mixing/top offs; Bulmann model; configuration	9/22/2022 6:16 PM
117	Easy backup plans (+3m, +5min, lost deco gas), deco tables, multi levels, cns, gas consumption	9/22/2022 5:55 PM
118	User friendly	9/22/2022 4:44 PM
119	Mix change PP02 Best mix EAD Ceiling CES	9/22/2022 3:21 PM
120	Ease of use on multiple devices	9/22/2022 2:51 PM
121	Gas planning	9/22/2022 11:03 AM
122	Show the end gf (surface gf during and after the dive)	9/22/2022 5:42 AM
123	To plan the dive easier then with the DC cause of quickdraw changing the numbers	9/22/2022 3:54 AM
124	Ease of use. Visual display	9/22/2022 3:34 AM
125	Easy planning of profiles, gas changes (lost gas), CCR dives, bailout deco profiles, standard gases	9/19/2022 5:07 PM
126	Ease of use.	9/18/2022 7:30 AM
127	flexibility, accuracy. easy to use	9/17/2022 7:09 PM
128	Deco tables, has consumption calculations	9/17/2022 12:51 AM
129	Safety of planning the dive properly	9/16/2022 2:04 PM
130	Bottom time, depth, deco plan	9/16/2022 12:48 PM
131	Simple and consistent	9/16/2022 12:24 PM
132	Flexibility, i.e. the ability to manipulate sections, add fields, etc.	9/16/2022 7:30 AM
133	Ease of use. Self select gas mix. GF adjustability.	9/16/2022 1:36 AM
134	flexability, SOP	9/15/2022 9:46 PM
135	Dive planning software should make it easy to change scenarios without too much effort. Specifically, depth, time and gas changes.	9/15/2022 7:18 PM
136	Good user interface is by far the most important.	9/15/2022 6:18 PM
137	Gas volume and bailouts	9/15/2022 5:54 PM
138	Planning deco and planning bailout	9/15/2022 12:17 AM
139	Easy to use	9/13/2022 9:10 AM
140	simplicity	9/13/2022 7:54 AM

Dive Computers - Exploratory Survey

141	Deco stops, repetitive dives	9/12/2022 5:09 PM
142	Deco profile and gasplan	9/12/2022 2:22 PM
143	Bühlmann algirhythm with gg factors Air caclulations	9/11/2022 4:00 PM
144	The ability to adjust setting to my personal dive profile and then print the runtime plan out	9/11/2022 3:19 PM
145	Calculations for different deco profiles which suit the dive profile best.	9/11/2022 2:26 PM
146	Multiple options.	9/11/2022 2:04 PM
147	Gasconsumption in case of Bailout	9/11/2022 1:04 PM
148	Gasblending	9/11/2022 12:44 AM
149	Setting gradient factors, realistic plans, able to modify ascent speeds etc	9/10/2022 6:06 PM
150	Gas planning and the ability to customize dive profiles	9/10/2022 4:55 PM
151	Appropriate deco model, support for open and closed circuit	9/10/2022 4:36 PM
152	GUI, deco algoritm, personalization	9/10/2022 4:34 PM
153	Easy to use	9/10/2022 10:52 AM
154	Playing with settings	9/10/2022 10:16 AM
155	Deco calculation, gas volume calculation, ability to compare/calculate best gas mix, bailout calculation	9/10/2022 6:28 AM
156	Deco plans	9/10/2022 4:44 AM
157	Multiple gas planning with deep stop	9/10/2022 3:10 AM
158	Same results as on my dive computer	9/10/2022 3:09 AM
159	Ease of use	9/10/2022 1:12 AM
160	Good UX, many settings options, diving graph and list view, multiple dive planning,	9/10/2022 12:52 AM
161	Gas mixing, gas content models, flexibility for my configuration. A way to save, send and print the plan.	9/9/2022 11:41 PM
162	Gas plan, deco stops, gas mixing	9/9/2022 10:20 PM
163	.	9/9/2022 9:55 PM
164	Simplicity Gas calculation Deco planning	9/9/2022 9:03 PM
165	Options in choosing the deco model/theory	9/9/2022 8:44 PM
166	Algorithms adjustments	9/9/2022 8:33 PM
167	contingency plannin	9/9/2022 8:29 PM
168	Ease of use, familiarity.	9/9/2022 8:28 PM
169	Flexibility	9/9/2022 6:50 PM
170	The right algorithm, and ease of use	9/9/2022 5:43 PM
171	Planning	9/9/2022 5:33 PM
172	Gradient factors, bailout options	9/9/2022 4:58 PM
173	Trimiez planification, @5, lost gas	9/9/2022 4:52 PM
174	Heatmap	9/9/2022 4:51 PM
175	Contrasted reliability, contrasted algorithm, complete information for planning	9/9/2022 4:48 PM
176	Bail outvoptions	9/9/2022 4:31 PM
177	Gas and deco planing according to your preferences	9/9/2022 4:21 PM

Dive Computers - Exploratory Survey

178	Gf, ccr	9/9/2022 4:07 PM
179	Reliability/trustworthiness, user-friendly interface	9/9/2022 3:54 PM
180	Accuracy. Clear UI so I know I'm using it correctly and what it's telling me.	9/9/2022 3:46 PM
181	Deco stops and times	9/9/2022 1:33 PM
182	easy to use	9/9/2022 1:32 PM
183	Reverse-plan a maximum dive time	9/9/2022 1:32 PM
184	Gradient Factor, Shallowest stop setting, standard gasses	9/9/2022 1:27 PM
185	Different GF in cc/Bo calculations.	9/9/2022 1:23 PM
186	Multideco contains required features, other than complex multilevel cave diving	9/9/2022 12:54 PM
187	Flexibility in ascent rates and in stop depths/lengths, so i can build in some conservatism in my plan if need be	9/9/2022 12:53 PM
188	Pragmatic deco run time	9/9/2022 12:44 PM
189	ease of planning but customizable and free	9/9/2022 12:43 PM
190	Scenario planning	9/9/2022 12:36 PM
191	Unable to prioritize. All features are important	9/9/2022 12:28 PM
192	Easy to use	9/9/2022 11:58 AM
193	Deco profile, CNS, gas volumes, etc.	9/9/2022 11:43 AM
194	Gradient Factor model, multiple GF (regular & bailout), bailout planning w/ability to choose WHEN in the dive BO occurs (cave type planning), ability to choose if oxygen is considered narcotic, ability to choose last stop depth, ability to choose stop spacing (every 3m, every 2m, etc), multi level planning	9/9/2022 11:15 AM
195	Should be able to handle OC&CC dives,	9/9/2022 11:00 AM
196	Gf algorithm Closed circuit diving Bailout planning	9/9/2022 10:52 AM
197	Easy usage	9/9/2022 10:10 AM
198	simplicity, calculation of not easy to get information, like gas density under pressure	9/9/2022 9:55 AM
199	I can't answer	9/9/2022 9:42 AM
200	user friendliness	9/9/2022 9:33 AM
201	Gas consumption calculation for bailout. Gas blending	9/9/2022 9:24 AM
202	..	9/9/2022 9:24 AM
203	Compatibility with diving computer	9/9/2022 9:10 AM
204	The ability to have multiple gases, have the dive plan in a tabulated format, and the ability to configure the dive plan (algorithm, deco stop level, time for gas switch etc)	9/9/2022 8:48 AM
205	Flexibility Ease of use Clear presentation of information	9/9/2022 8:28 AM
206	Own unlimited gas selection, GF, average depth	9/9/2022 8:25 AM
207	Intuitivo	9/9/2022 7:41 AM
208	Gradient Factors Ascent/descent rates	9/9/2022 7:05 AM
209	Ccr and trimix buehlman	9/9/2022 6:59 AM
210	flexibility in setting, stability in deco algorithm	9/9/2022 6:11 AM
211	Easy to use	9/9/2022 5:51 AM
212	Simple & correct	9/9/2022 5:36 AM

Dive Computers - Exploratory Survey

213	Easy, fast and in app for phone	9/9/2022 5:23 AM
214	Easy of use, quick changing parameters to simulate different plans.	9/9/2022 2:01 AM
215	Decompression	9/8/2022 9:02 PM
216	Ease of use, consistency in output.	9/8/2022 5:31 PM
217	Repetitive dive in trimix	9/8/2022 3:32 PM
218	Ability to match equipment like cylinders, configurqtion, personal settings like RMV/SAC,ability to plan the dive from various limits perspective like "What is the maximum time I can do?"; "What amount of gas do I need", etc	9/8/2022 12:02 PM
219	understand good the software and can adjust all the setings	9/8/2022 11:57 AM
220	Gradient factors and algorithms	9/8/2022 10:20 AM
221	Flexibility and an algorithm that can be matched to my actual dive computer.	9/8/2022 10:11 AM
222	Functionality - customizable - alerts - ease of use	9/7/2022 3:46 PM
223	Planing decostops	9/7/2022 3:45 PM
224	Works also without access to internet. Easy to use	9/7/2022 2:39 PM
225	I do not commonly use. When I do utilize, mainly to help students plan dives, deco durations for repetitive dives.	9/7/2022 12:17 PM
226	Ease of use, so pre set gases, gradient factors etc.	9/7/2022 5:13 AM
227	Deco and gas management	9/7/2022 5:12 AM
228	decompression planning and BO planning	9/7/2022 2:08 AM
229	CCR Computer and iOS versions	9/7/2022 12:45 AM
230	Ease of use and reliability. Ability to quickly explore similar plans by extending depth or times, or modifying available gases. MOD calculator and top-up fill calculator.	9/7/2022 12:15 AM
231	Ease of use, open source of code. Verifiability and accuracy of results	9/6/2022 11:44 PM
232	Different gas scenarios Different GF SAC RATES	9/6/2022 10:30 PM
233	easy GUI, easy to understand profiles	9/6/2022 9:11 PM
234	Viewing gradient factors for given points being able to modify decompression stops	9/6/2022 8:23 PM
235	Having it on my phone. Easy configurability.	9/6/2022 6:22 PM
236	Userfriendly	9/6/2022 5:45 PM
237	Vpm-b algorithm. Ease of use. Nice to be able to upload settings to ccr or computer	9/6/2022 5:29 PM
238	The algorithm and the possibility of change them	9/6/2022 4:48 PM
239	Deco / Gas calculation	9/6/2022 4:39 PM
240	Ease of use	9/6/2022 4:36 PM
241	Min gaz	9/6/2022 4:32 PM
242	I enjoy the CCR mode in DecoPlanner	9/6/2022 4:07 PM
243	Syncing	9/6/2022 3:41 PM
244	Easy to test/compare different profiles. Possible to plan multilevel dives. Easy to change/compare gradient factors. Ability to make +/- tables.	9/6/2022 3:33 PM
245	Flexibility and ability to alter plan	9/6/2022 3:26 PM
246	Shaping my decoplan and compare them	9/6/2022 3:23 PM
247	Software should be open source so that every one can check the algorithm.	9/6/2022 3:19 PM

Dive Computers - Exploratory Survey

248	Best mix	9/6/2022 3:12 PM
249	The software matches the algorithm used by my dive computer and/or CCR controller	9/6/2022 3:02 PM
250	Deco Gas planning	9/5/2022 4:22 PM
251	Bühlmann ZHL 16 algorythm	9/5/2022 2:41 PM
252	bail out plan	9/3/2022 2:31 PM
253	Gasplanning	9/2/2022 12:40 PM
254	must compute with the algorithm of my choice	9/2/2022 3:24 AM
255	Ease of use, configurable to what I plan to do. Has the alogorithm that I want to use (that matches my dive computer). Inexpensive.	9/1/2022 6:41 PM
256	CCR compatible; fully configurable; bail-out calculations; easy lost gas calculations; mobile version for in-field dive planning	9/1/2022 5:43 PM
257	ease of use, safety and custimised gradient factors/Buhlmann 16 model	9/1/2022 2:43 PM
258	pfff, hard. Easy adjustments of parameters to see different plans. Different use of surfaces for easy overseeing a first deaft dive and then more deeper possibilities for exact planning	9/1/2022 12:08 PM
259	Easy/intuitive to use and functional when no WiFi.	9/1/2022 11:18 AM
260	Gas requirements and Time to Surface as basis for b/o calculations	9/1/2022 11:18 AM
261	Ease of use, what if's, gas planning	8/30/2022 8:29 PM