

# Scubapro / UWATEC Galileo 2 / G2

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Scubapro / UWATEC  
Galileo 2 / G2:  
Hardware Version 0.0  
Software Version 1.2  
per 08/2017



# Dive Planner

Level 0: 42 m; NDL 8 min

bottom time 25 min → @ Air; TTS: 40 min

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per 08/2017

# Dive Planner

Level 9: 42 m; NDL ---

bottom time 25 min → @ Air; TTS: 166 min

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Depth [m]	L0	L1	L2	L3	L4	L5	L6	L7	L8	L9
9	199	199	199	199	199	199	135	18	7	6
12	120	110	98	88	72	33	15	8	4	3
15	68	63	57	44	28	14	8	5	3	2
18	49	43	34	25	16	8	5	3	2	1
21	35	29	23	16	11	6	4	2	1	1
24	26	21	17	12	8	5	3	2	0	0
27	20	17	13	9	6	3	2	1	0	0
30	16	13	10	8	5	3	2	1	0	3m/1
33	14	11	8	6	4	2	1	0	3m/1	3m/3
36	12	9	7	5	3	2	1	0	3m/3	3m/4
39	10	8	6	4	2	1	0	0	3m/4	3m/5
42	8	7	5	4	2	1	0	3m/2	3m/5	3m/7
45	7	6	4	3	2	0	0	3m/3	3m/6	3m/8
48	6	5	4	2	1	0	3m/1	3m/3	3m/7	3m/9
51	6	4	3	2	1	0	3m/2	3m/4	3m/8	3m/10
54	5	4	3	2	0	3m/1	3m/3	3m/5	3m/9	3m/12 6m/1
57	4	3	2	1	0	3m/1	3m/4	3m/6	3m/10 6m/2	3m/13 6m/2 9m/1

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(\*) NDL = no decompression limit (Nullzeitgrenze)

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**Dive Planner:**  
**MB Level 0 (L0) → MB Level 9 (L9)**  
**for the dive: 42 m / 25 min bottom time**

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MB Level	Deepest Stop [m]	Stop Time [min]	TTS (*) [min]
L0	9	3	40
L1	9	5	44
L2	12	2	50
L3	12	4	56
L4	15	2	63
L5	18	2	73
L6	18	4	87
L7	21	3	106
L8	24	2	132
L9	24	4	166

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(\*) TTS: time-to-surface =  
 Sum of all stop times + ascent time ( here ca. 6 min for the G2)

**Comparison with other  
Scubapro/UWATEC Computers  
for the dive: 42 m / 25 min bottom time;  
each @ Air, @ MB-Level L0**

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Computertype:	TTS	Year (ca.)
TEC (1. Generation)	36	2003
TEC 2G	38	2007
Pro Ultra	40	2002
Aladin [2]	40	2014
Matrix	49	2016 (*)
Galileo 2 / G2	40	2017 (*)
(*) Change from ZH-L 8 to ZH-L 16		

# Comparison with dive tables: depth 42 m / 25 min bottom time @ Air

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	Stop-	Times	in	[min]	ca. [min]
Table	12 m	9 m	6 m	3 m	TTS (*)
<b>ZH-86</b>		3	6	16	<b>29</b>
<b>USN</b> <small>(2008)</small>			26		<b>31</b>
<b>USN</b> <small>(2016)</small>		3	24		<b>32</b>
<b>DECO 2000</b>	1	4	8	16	<b>33</b>
<b>DCIEM</b>		7	8	17	<b>36</b>
<b>G2 @ L0</b>		3	8	23	<b>40</b>

**(\*) TTS:** time-to-surface = Summe aller Stopp-Zeiten + Aufstiegszeit (hier am Bsp. ca. 4 min) (Aufstiegszeit = max. Tiefe / Aufstiegsrate)

**ZH-86:** Luftdekompressionstabelle (Zürich 1986) [65], S. 227, 42 m / 24 min

**USN:** United States Navy, 2008, Rev. 6: 140 fsw (42.9 m) / 25 min, Abstiegsrate: 25 m/min, Aufstiegsrate: 9 m/min; [14, 15, 15a]; sowie:  
USN 2016: Rev. 7

**DECO 2000:** Dr. Max Hahn, 2000 [43]

**DCIEM:** Defence and Civil Institute of Environmental Medicine, 1992, [28], S. 1B-14

Bem.: die Nummern in eckiger Klammer [ ] beziehen sich auf die Quellen unter: <https://www.divetable.info/books/index.htm>

# Dive Planner

Level 0: 42 m; bottom time 25 min

@ Trimix 20/50 → TTS: 74 min

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## 11. Tauchgangplaner



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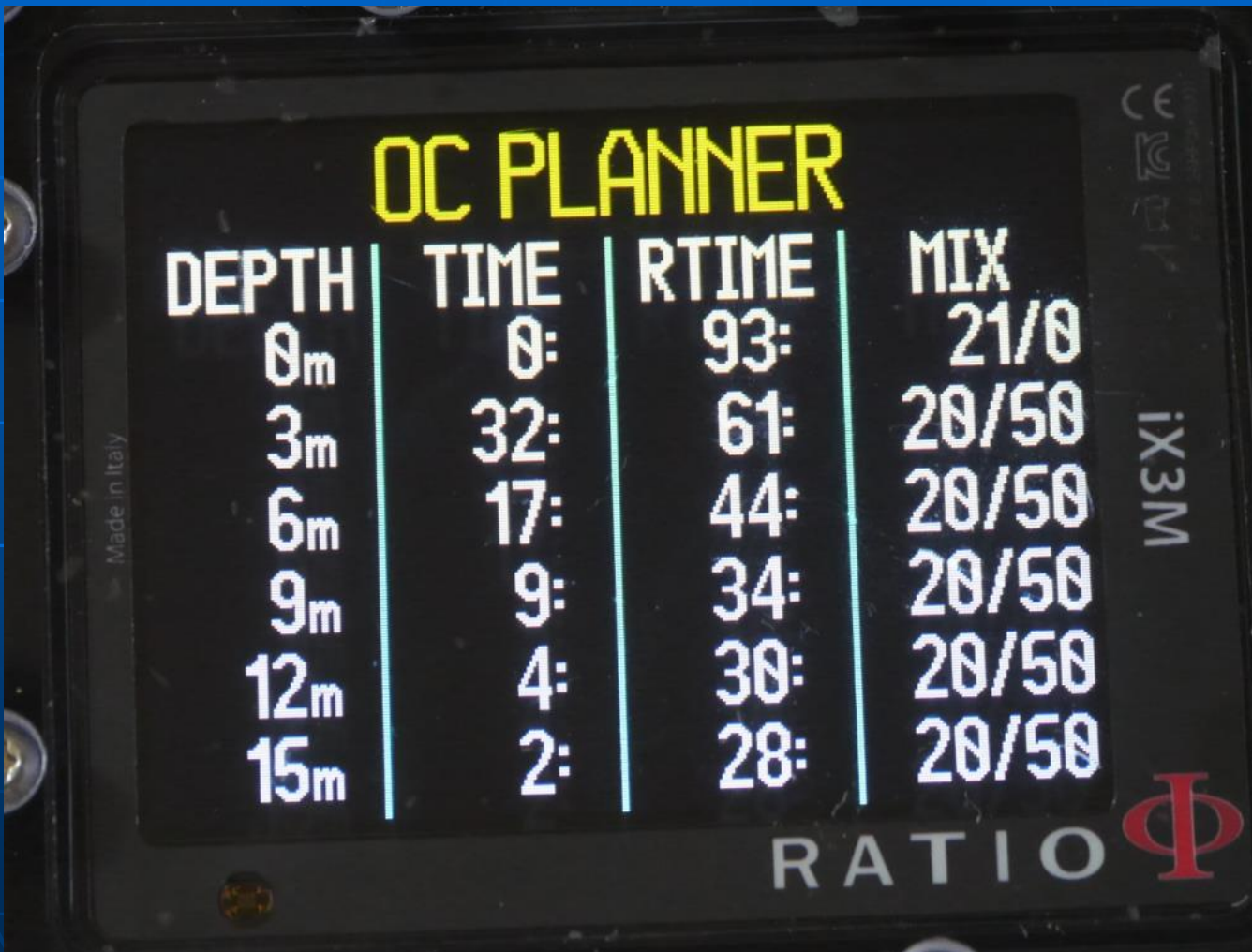




**Comparison with RATIO iX3M Deep:**  
**42 m; bottom time 25 min**  
**@ Trimix 20/50 → TTS: 68 min**


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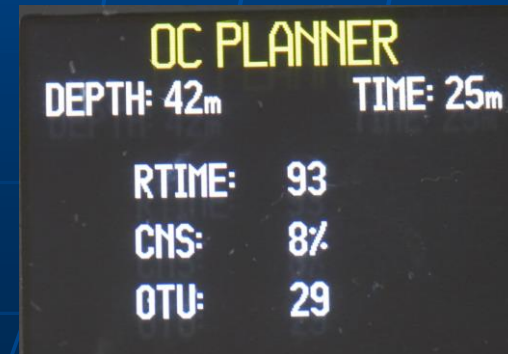
RATIO iX3M Deep  
S/N: 000937  
APOS Version 4.0.26 / 013  
per 08/2017



The image shows the main display of the RATIO iX3M Deep OC Planner. The screen is black with yellow and white text. The title 'OC PLANNER' is at the top in yellow. Below it is a table with four columns: DEPTH, TIME, RTIME, and MIX. The rows show data for depths from 0m to 15m. The 'MIX' column shows '21/0' for 0m and '20/50' for 3m to 15m. The 'RTIME' column shows values from 93 to 28. The 'TIME' column shows values from 0 to 2. The 'DEPTH' column shows values from 0m to 15m. The RATIO logo is at the bottom right.

DEPTH	TIME	RTIME	MIX
0m	0:	93:	21/0
3m	32:	61:	20/50
6m	17:	44:	20/50
9m	9:	34:	20/50
12m	4:	30:	20/50
15m	2:	28:	20/50

RATIO 



The image shows an inset display of the RATIO iX3M Deep OC Planner. The screen is black with yellow and white text. The title 'OC PLANNER' is at the top in yellow. Below it are two rows of data: 'DEPTH: 42m' and 'TIME: 25m'. Below that are three rows of data: 'RTIME: 93', 'CNS: 8%', and 'OTU: 29'.

OC PLANNER	
DEPTH: 42m	TIME: 25m
RTIME:	93
CNS:	8%
OTU:	29

# Dive Planner

Level 0: 42 m; bottom time 25 min

@ Heliox 20/80 → TTS: 140 min

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# Comparison with Standard Military Mix Gas Tables for surface supplied Heliox: U.S.N and DCIEM; 42 m; bottom time **30 min**, @ Heliox **16/84**

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Stage / Method:	18 m	15 m	12 m	9 m	6 m	3 m	TTS	Rem.: (*) : 100 % O <sub>2</sub>
[min.]							[min.]	
U.S.N. old		10 (*)	45 (*)	-	-	-	<b>58</b>	<b>140 feet</b>
U.S.N. 2008 + U.S.N. 2016		Heliox50: 10	Heliox50: 10	18 (*)	30 (*)	-	<b>72 (+ 10)</b>	<b>140 feet, + 2 * Air Breaks, each 5 min</b>
DCIEM	2	4	4	37 (*)	-	-	<b>55</b>	<b>In-Water decompression</b>
DCIEM SurDO2	2	4	4	7 (*)	-	-	<b>72 (40 min *)</b>	<b>40 min Chamber decompression, with 5 min Air Break *</b>