SMALL TEMPERATURE RECORDER

30M READINGS ON A SINGLE AA BATTERY

The RBR*solo³* T is one of RBR's most compact, lightweight, and versatile single channel recorders. The logger offers flexible measurement schedules, standard sampling up to 2Hz (optionally up to 32Hz), large memory, extra power for extended deployments, USB-C download for large data files, and temperature accuracy of ±0.002°C.

FEATURES

Compact and lightweight	Any AA battery	30M measurements	Up to 32Hz sampling	USB-C download	Cabled RBR*coda³* variant available

The RBR*solo³* T is available in the following configurations:

▶ RBR*solo³* T   up to 2Hz continuous sampling
▶ RBR*solo³* T|fast16   up to 16Hz continuous sampling
▶ RBR*solo³* T|fast32   up to 32Hz continuous sampling

The RBR*solo³* T makes it easy to configure the optimum sampling regime for your measurements whether it is moored, towed, or profiling. The large data storage capacity and fast download ability facilitate long deployments with higher sampling rates. A dedicated desiccant holder makes it simple to replace desiccant before each deployment.

The RBR*solo³* T is one of the most flexible single channel recorders available from RBR and like all RBR instruments, the calibration coefficients are stored with the logger. Dataset export to Matlab, Excel, OceanDataView®, or text files makes post processing with your own algorithms effortless.

RBR
MEASURE THE BLUE PLANET

SMALL TEMPERATURE RECORDER

COMPACT, ACCURATE, DEPENDABLE

- Compact and lightweight
- Any AA battery
- 30M measurements
- Up to 32Hz sampling
- USB-C download
- Cabled RBR*coda*³ variant available

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Specifications

Physical

Power:	Any AA cell
Communication:	USB-C
Clock drift:	±60 seconds/year
Diameter:	25.4mm
Length:	240mm
Weight (air):	126g
Weight (water):	20g
Depth Rating:	1700m

Temperature

Range:	-5°C to 35°C (optionally 50°C)
Accuracy:	±0.002°C
Resolution:	<0.00005°C
Time constant:	<1s
Typical stability:	0.002°C/year

Sampling rates and Autonomy

RBR*solo*³ T

Sampling rate:	24hr to 1s, and 2Hz		
Autonomy:	Rate	Duration	# samples
	5s	6 years	40M
	2Hz	150 days	25M

RBR*solo*³ T|fast16

Sampling rate:	24hr to 1s, and 2Hz, 4, 8, and 16Hz		
Autonomy:	Rate	Duration	# samples
	16Hz	100 days	130M

RBR*solo*³ T|fast32

Sampling rate:	24hr to 1s, and 2Hz, 4, 8, 16, 24, and 32Hz		
Autonomy:	Rate	Duration	# samples
	32Hz	50 days	130M

Realtime variant

Cabled realtime variant available as the RBR*coda*³.

Deep variant

Explore up to 10km deep with the RBR*solo*³ T|deep. Details available on the RBR*solo*³ and RBR*duet*³|deep datasheet.