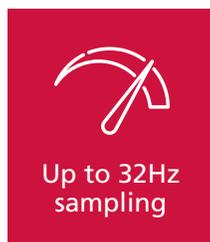


SMALL SINGLE CHANNEL RECORDER



The RBRsolo³ is one of RBR's most compact, lightweight, and versatile single channel loggers. The logger offers flexible measurement schedules, standard sampling up to 2Hz, and optionally up to 32Hz. It also features large memory, more power for extended deployments, and USB-C download for large data files.

FEATURES



The RBRsolo³ recorder is available in the following configurations:

- ▶ RBRsolo³ DO dissolved oxygen recorder (OxyGuard® Ocean DO) for depths up to 1700m
- ▶ RBRsolo³ Tu turbidity recorder (Seapoint®) for depths up to 1700m
- ▶ RBRsolo³ PAR PAR recorder (Li-Cor® 192 or 193) for depths up to 560m (cosine) and 350m (spherical)

The RBRsolo³ makes it easy to configure the optimum sampling regime for your measurements whether the recorder is moored, towed, or profiling. The large data storage capacity and fast download ability facilitate long deployments with high sampling rates. A dedicated desiccant holder makes it simple to replace desiccant before each deployment.

Dataset export to Matlab, Excel, OceanDataView®, or text files makes post processing with your own algorithms effortless.

SMALL SINGLE CHANNEL RECORDER

DISSOLVED OXYGEN, TURBIDITY, AND PAR



Compact and lightweight



Any AA battery



Up to 32Hz sampling



USB-C download



Cabled RBRcoda³ variant available



Specifications

Physical

Power:	Any AA cell
Communication:	USB-C
Clock drift:	±60 seconds/year
Diameter:	25.4mm
Length:	Model dependent
Weight (air):	<220g
Weight (water):	<70g

RBRsolo³ Tu turbidity logger

Storage:	Up to 65k readings
Time constant:	0.1s
Linearity:	<2% deviation 0 – 1250 FTU
Depth rating:	1700m

RBRsolo³ DO dissolved oxygen logger

Storage:	~15M readings
Range:	0 to 600%
Accuracy:	±2% O ₂ saturation
Resolution:	1% of saturation
Response time:	~10s, (T90%)
Depth rating:	1700m
Length:	250mm
Weight (air):	~130g

RBRsolo³ PAR logger

Depth rating:	350/560m
Sampling capacity:	~13M readings

Sampling Rates

RBRsolo³ DO, PAR

Sampling rate:	1s to 24h and 2Hz
----------------	-------------------

RBRsolo³ Tu

Sampling rate:	10s to 24h
----------------	------------

RBRsolo³ DO, PAR|fast32

Sampling rate:	2, 4, 8, 16, or 32Hz
----------------	----------------------

Realtime variant

Cabled realtime variant available as the RBRcoda³.

Deep variant

Explore up to 10Km deep with certain RBRsolo³ variants. Details available on the RBRsolo³ and RBRduet³|deep datasheet.

RBR Ltd

+1 613 599 8900
info@rbr-global.com
rbr-global.com