RBR

MEASURE THE BLUE PLANET

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RBR*quartz*³ Q | plus

QUICK START GUIDE



The RBR*quartz*³ Q | plus uses an integrated Paroscientific Digiquartz® pressure sensor. It offers a flexible measurement schedule, standard and burst sampling, large memory, and more power for extended deployments. The RBR*quartz*³ Q | plus offers a variety of interfaces, including an internal USB-C port and an optional external port, which can be configured as USB, RS-232, or RS-485.

Included with your instrument

- USB-C desktop cable with adaptor
- O-rings, silicone compound, O-ring removal tool, and reusable desiccant
- Refill adaptor, syringe with stopper, dispensing needle, syringe kickstand, and buffer fluid
- External pressure adaptor
- Cap screws and hex keys
- USB stick containing Ruskin software and documentation
- Calibration certificates*

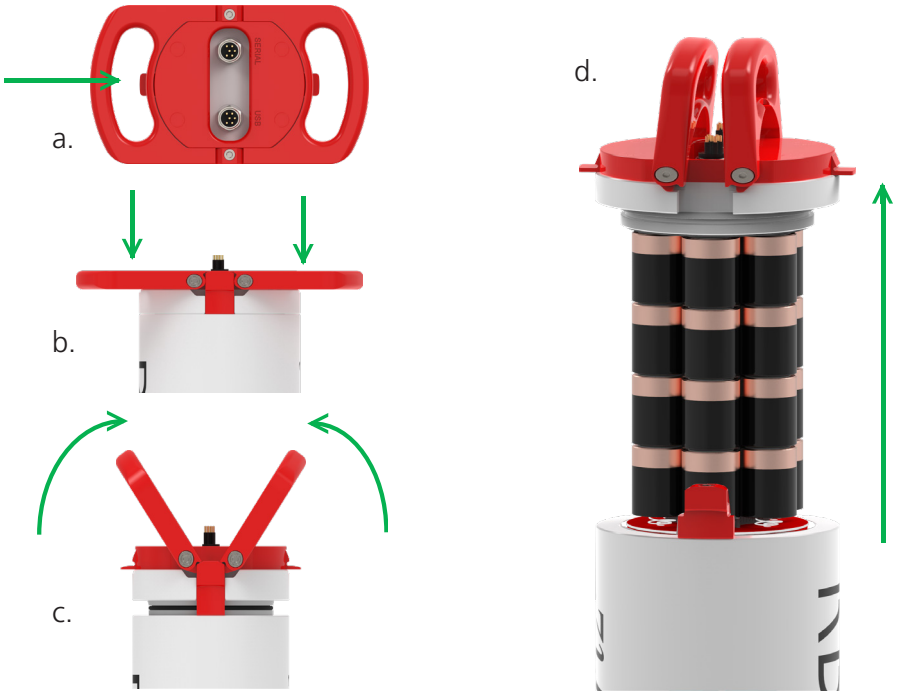
* Calibration certificates are available in Ruskin. To download, connect your instrument, go to **Information**, and select the **Download** button.

Ruskin software

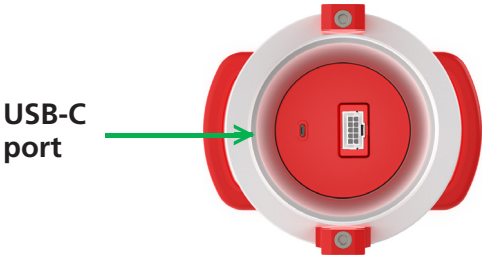
Find Ruskin software for Mac and PC on the USB stick included with your instrument, or visit rbr-global.com/products/software.

Deploy

1. Open the instrument.



2. Connect the USB-C desktop cable to the port located inside the instrument body.



3. The instrument will appear on Ruskin.

4. Select the required **Sampling** mode and speed.
5. Select **UTC** or **Local** to synchronise the instrument's clock to the computer.
6. Choose whether to start **Now** or enter your desired **Start** date/time.
7. Review the estimated **End** date to ensure it fulfils the deployment requirements. Longer deployments can be achieved with better battery chemistry or lower sampling speeds.
8. Click **Enable** to start the deployment.

Download

1. Open and remove the battery end-cap.
2. Connect to the instrument.
3. Select the **Download...** button and choose a location to store the dataset.

Deployment checklist

RBR ships instruments with new lithium thionyl chloride batteries and fresh desiccant capsules included, and the O-ring installed, so that the instrument is ready for its first deployment.

For any subsequent deployment:

1. Install new batteries.
2. Install fresh desiccant (orange).
3. Inspect, clean, replace, and lubricate the O-ring.

   Note: Always remove the batteries from the instrument during long-term storage! Doing so will prevent internal damage due to battery leakage and/or corrosion.

Support

To access support within the Ruskin app, navigate to **Help** > **Comment on Ruskin...**.
For technical support, please reach out to support@rbr-global.com, call +1 613 599 8900 (UTC-5), or visit rbr-global.com/support/service.

