

## RELEASE NOTES

### Product: QRAE 3

Version: V2.16  
Release Date: August 2018

All users are recommended to update their existing QRAE 3 instruments with the latest firmware.

### What's New?

This new firmware implements changes for better performance of all QRAE 3 products (see “**Changes**” and “**Improvements**” sections for details). This release also contains fixes for customer-reported issues (see “**Issue Fixes**” section for details).

## Installation and Update Notes

### Installation

The QRAE 3 communicates with a PC running ProRAE Studio II Instrument Configuration and Data Management software (version 1.11.2 or higher recommended) to download datalogs, configure the instrument, or upload new firmware. The QRAE 3 must be connected to a PC through the supplied Travel Charger and must be in the PC Communications mode.

1. Use the supplied PC Communications Cable (USB to mini-USB cable) to connect the Travel Charger to a PC.
2. Insert the QRAE 3 in the Travel Charger.
3. Turn on the QRAE 3. Make sure it is running (with the main measurement screen showing).
4. Activate the PC Communications mode on the QRAE 3 by pressing [MODE] repeatedly, starting from the main measurement screen, until you reach the “Enter Communications Mode?” screen.
5. Press [Y/+]. Measurement and datalogging stop, and the instrument is now ready to communicate with the PC. The display now says, “Ready To Communicate With PC Or AutoRAE2.”
6. Start up the ProRAE Studio II software, enter a password, and detect the instrument following the directions provided in the ProRAE Studio II User's Guide.
7. Follow the instructions in the ProRAE Studio II User's Guide to update the QRAE 3's firmware.
8. When you are done, press [MODE] to exit the PC Communications mode on the QRAE 3. After the QRAE 3's firmware is upgraded, the instrument turns off automatically.

### For more information

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RELEASE NOTES

**Previous Versions**

**QRAE 3 FW v2.14**

**Issue Fixes**

ID	Description
QRAE3-35	SO <sub>2</sub> Sensor baseline compensation algorithm Update
QRAE3-36	

**Changes**

Not Applicable

**Improvements**

Not Applicable