



GASSENSING

MAKING SENSE OF THE AIR WE BREATHE

PortaSens III - D-16 Rental Guide



What's inside?



Each unit comes with:

- PortaSens III Detector
- Charging cord
- Spare filters
- Sampling wand
- Flowmeter
- Data logging cable
- Two batteries and battery charger
- Calibration Certificate
- Case
- Flow indicator

How the Rental Works:

- You place the order via website or phone with credit card for weekly or monthly rental
- We ship device to your location using your preferred shipping carrier
- Rental period of 7 or 30 days begins when device arrives to your location
- Device is in use for 7 or 30 days (depending on rental period selected)
- Rental period ends when you ship device back using your preferred carrier
- When we receive the device we check over for proper operation, calibrate if necessary and get it ready for the next customer!

Quick Start Instructions:

- Download the user guide below (***PortaSens III Operation Manual***)
- Open up the manifold lid by unscrewing the two fittings, insert the sensor and replace the lid
- Place the battery into the bottom of the device
- Push the “wake up switch” to turn on the device
- Download the following links for operation instructions

Trouble shooting the device:

To open the QR code, open up your cellular device on the camera app. Hover your camera over the QR code and it should scan the QR and bring you to the page you need. If it is not scanning, try tapping the screen on the code.

PortaSens III Operation Manual:



Youtube Video on the PortaSens III:



Link for the *PortaSens III Operation Manual*:

<https://www.oxidationtech.com/downloads/manuals/D16.pdf>

Link for the Youtube video:

<https://youtu.be/sntrQhsU4i4>

Frequently Asked Questions:

How do I know my readings are accurate?

All our sensors come with a factory calibration certificate. Over time the sensor will need to be re-calibrated to ensure it is reading accurately.

The D-16 isn't giving a response to the gas?

Follow the steps below may help to diagnosis and resolve the issue:

1. Re-start the D-16
2. If operating from a battery:
 - a. Clean the battery contacts and reapply a good quality dielectric grease
 - b. Replace the battery
 - c. Change to a USB power source
3. If operating from a USB power:
 - a. Move to a different USB port, or to a USB wall charger. USB ports located on the front of some PCs are usually hubs and power may be limited.
4. If none of the step[s] above resolve the problems, replace the sensor of one is available. An H10 sensor rarely causes an electrical problem; however, contacts on the sensor may become contaminated.

The device is giving me a "CHECK FLOW" massage?

The D16 has detected a significant flow restriction that it cannot compensate for. Clean/clear any restriction in the sampling wand or attached tubing, or shorten the tubing. If the problem cannot be corrected, increase the motor speed by adjusting the pump motor duty cycle control. See Pump on page 28 of the ***PortaSens III Operation Manual***.

If continually having issues with the rental please contact by phone or email:

Gas Sensing

Phone: 605-368-1404

E-mail: support@gas-sensing.com

Mailing Address:

Gas Sensing

214 US Highway 18

Inwood, IA 51240

What happens if a piece is lost?

If you should lose or break a piece of your rental equipment, it will be replaced under the renters account. Here is a list of prices you can expect to be charged:

- D-16 PortaSens III Gas Detector \$1,400.00 **
- D-16 replacement internal battery \$150.00 **
- D-16 internal pump \$175.00 **
- Manifold Lid \$95.00 **
- Battery Cap \$35.00 **
- Dust Cap \$5.00 **
- Case \$ 75.00 **
- Flow indicator \$35.00 **
- Extension wand \$30.00 **
- Charger \$50.00 **
- Data logging cable \$45.00 **
- Filter Discs \$35.00 **

** Prices are subject to change at any point. These estimates do not include shipping or handling fees.

Return the rental:

When you are ready to return the rental there a few steps you need to do:

- Fill out the *Rental Return Form*
- Check for correct shipping information
- Return the unit with all of the component's



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Rental Return Form

Please fill out in full and send with the merchandise:

Full Name: _____

Company Name: _____

Email: _____

Phone#: _____

Any questions, comments:

Please Print & Ship your items to:
Gas Sensing
214 US Highway 18
Inwood, IA 51240