



Portable kit for ORP measurements

An easy way to measure oxidation reduction potential (ORP)

DEDICATED KIT FOR OBTAINING ORP RESULTS FROM REDUCED SAMPLE VOLUMES

ORP kit is the most suitable system to perform in situ ORP measurements with samples that are expensive, scarce or hazardous.

- Less sample needed
- Handheld portable reader
- Operates with disposable sensors
- Easily export all recorded measurements
- Complete and ready-to-use kit



 **Metrohm**
DropSens

Ready-to-use kit for reliable in situ ORP measurements

LESS SAMPLE NEEDED

Metrohm DropSens presents a complete kit for **reliable, easy-to-use and reproducible measurement of oxidation reduction potential (ORP)**. The ORP kit is very useful in areas such as environmental, agri-food, biotechnology, quality control or industrial processes, as well as in biomedical research, where samples can be expensive, scarce or hazardous. Only a **very small sample volume is required**.



HANDHELD PORTABLE KIT

Due to its portability, this kit is suitable for on-site measurements. In addition, the handheld reader uses **disposable sensors**, making it suitable for applications in low-sanitation scenarios or in circumstances where conventional electrodes or other systems cannot be adequately polished or cleaned.



INTERNAL STORAGE OF DATA

Perform continuous experiments and **check your results** on the **LCD display**. All data is stored in the internal memory of the device and can be downloaded to a **PC** for further access and evaluation.



COMPLETE SOLUTION

ORP kit is packaged in a portable case containing **all the necessary components** to proceed with an ORP analysis:

IN THE BOX

| | |
|---------|--|
| ORPSTAT | ORP reader. Easily view the ORP value of the sample being analyzed on its LCD display. |
| ORPSEN* | 20 disposable sensors that do not require maintenance or cleaning processes. Only 60 µL sample volume is needed. |
| ORPSTD* | A redox standard solution for checking accuracy of ORP measurements. |

* The sensors and the redox standard solution can be also ordered separately.

ORPSTAT SPECIFICATIONS

| | |
|----------------|--------------------------------|
| Power | Li-ion battery |
| User Interface | LCD |
| Dimensions | 9.0 x 6.0 x 2.5 cm (L x W x D) |
| Weight | 100 g |

Contact your local sales representative or sales.dropsens@metrohm.com for more information.

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YOU
CAN
TRUST