Pocket ORP Tester - Pen Type Redox Potential Meter - ±999 mV Range - ±2 mV Accuracy

Model **MSORP-P20SWISS, MSORP-P10SWISS** | Brand **Master Science**





The Master Science Pocket ORP Tester is a pen-type meter for oxidation-reduction potential. It reads ±999 mV in absolute or relative mode with 1 mV resolution and ±2 mV accuracy, and shows the value on a dual-line LCD.

KEY HIGHLIGHTS

- Quick redox checks
- Stable values
- Long battery life
- Replaceable electrode

AT A GLANCE

±999 mV ORP RANGE	**±2 mV** ACCURACY
0 to 50 °C OPERATING TEMPERATURE	

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
www.themsci.com

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Overview

Two versions are available. One has a fixed platinum-sheet sensor; the other takes interchangeable ORP electrodes through a BNC connector, including a type for hot samples below 100 °C. Both run for about 200 hours on two AAA batteries.

Key Benefits

Quick redox checks
the Master Science Pocket ORP Tester gives a direct mV reading.

Adjustable to a standard
one-point offset calibration.

Stable values
auto-read locks the end point.

Long battery life
about 200 hours, with auto power-off.

Replaceable electrode
BNC connection on the P20 version.

For wireless logging, see the Master Science Bluetooth ORP tester.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSORP-P20SWISS, MSORP-P10SWISS
SKU	MSORP-P20SWISS, MSORP-P10SWISS
Brand	Master Science
Model Number	MSORP-P10SWISS, MSORP-P20SWISS
SKU	MSORP-P20SWISS, MSORP-P10SWISS
ORP Range	**±999 mV**
Relative mV Range	**±999 mV**
Resolution	1 mV
Accuracy	**±2 mV**
Calibration	1 point (offset)
Sensor, MSORP-P10SWISS	Fixed ORP electrode, platinum sheet
Sensor, MSORP-P20SWISS	Interchangeable ORP electrode, platinum pin or band, BNC connector
Hold Function	Manual or automatic end point
Operating Temperature	0 to 50 °C
Display	Dual-line LCD, 21 × 21 mm

POWER	
Auto Power-Off	8 minutes after last key press
Power	2 × 1.5 V AAA batteries
Battery Life	About 200 hours of continuous use

DIMENSIONS & WEIGHT	
Dimensions	185 mm (P10) or 175 mm (P20) long × 40 mm diameter
Weight	100 g

HOW THE MASTER SCIENCE POCKET ORP TESTER MAKES REDOX TESTING SIMPLER	
Bulky meters for simple checks	100 g pen format.
Readings drifting while you write	hold function locks the value.
Worn sensor means a new meter	replaceable electrode on the P20.
Batteries left on	auto power-off after 8 minutes.

Applications

The Master Science Pocket ORP Tester is used for

ORP measurement in water samples General-purpose redox checks High-temperature samples below 100 °C with the optional electrode

Measurement

- Absolute and relative millivolt modes
- One-point offset calibration
- Manual or automatic hold

Convenience

- Auto power-off
- Reset to factory defaults
- Dual-line display

Standard Accessories Included

- MSORP-P10SWISS: tester and plastic box
- MSORP-P20SWISS: tester, general-purpose ORP electrode, solution storage bottles and carrying case

Optional Accessories

- General-purpose ORP electrode
- High-temperature ORP electrode (<100 °C / 212 °F)