# Pocket Multiparameter Meter - 5-in-1 pH EC TDS Salinity Temperature Tester - 0-14 pH - IP65

Model **MSBEP-M51XSWISS** | Brand **Master Science**





The Master Science Pocket Multiparameter Meter is a five-in-one pen tester for pH, conductivity (EC), TDS, salinity and temperature. One hand-held unit with simple push buttons covers the everyday checks that would otherwise need several separate pens.

KEY HIGHLIGHTS

- Five tests, one pen
- Clear readings
- Battery lasts longer
- Protected screen
- Fits a pocket

AT A GLANCE

| | |
|---|---|
| **0 to 14.00 pH**<br>PH RANGE | **0 to 9990 µS/cm; 10 to 400 mS/cm**<br>EC RANGE |
| **0 to 9999 ppm; 10 to 200 ppt**<br>TDS RANGE | **0 to 60 °C (32 to 140 °F)**<br>TEMPERATURE RANGE |

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

support@themsci.com
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## Overview

Readings show on a VA display behind an acrylic panel. The ABS body is rated IP65, weighs 110 g and switches itself off after five minutes to save its four LR44 cells. It suits tap water, outdoor sources, aquariums, pools, aquaculture and routine laboratory checks.

## Key Benefits

**Five tests, one pen**
the Master Science Pocket Multiparameter Meter replaces separate pH, EC, TDS and salinity testers.

**Clear readings**
VA display.

**Battery lasts longer**
automatic power-off after 5 minutes.

**Protected screen**
acrylic panel.

**Fits a pocket**
185 mm long, 110 g.

**For pH only, see the Master Science pocket pH meter.**

# Technical Specifications

## GENERAL

| | |
|---|---|
| Brand | Master Science |
| Model Number | MSBEP-M51XSWISS |
| SKU | MSBEP-M51XSWISS |
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| Model Number | MSBEP-M51XSWISS |
| SKU | MSBEP-M51XSWISS |
| Functions | TDS, pH, EC, salinity, temperature |
| pH Range | **0 to 14.00 pH** |
| EC Range | **0 to 9990 µS/cm; 10 to 400 mS/cm** |
| TDS Range | **0 to 9999 ppm; 10 to 200 ppt** |
| Salinity Range | **0 to 9999 ppm; 10 to 200 ppt** |
| Temperature Range | **0 to 60 °C (32 to 140 °F)** |
| Resolution | 1 ppm; 0.01 pH; 1 µS/cm |
| Accuracy | **±2% (0-999 ppm); ±4% (1000-9990 ppm)** |
| Shell Material | ABS |
| Dim, hard-to-read displays | VA screen. |

## POWER

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|---|---|
| Battery | 4 × LR44, 6 V |
| Operating Current | 12 mA |

## ENVIRONMENT

| | |
|---|---|
| Operating Environment | 0 to 60 °C |
| IP Rating | IP65 |

## DIMENSIONS & WEIGHT

| | |
|---|---|
| External Dimensions | 185 × 40 × 40 mm |
| Package Dimensions | 216.5 × 65 × 43.5 mm |
| Net / Gross Weight | 110 g / 180 g |

## COMMON PROBLEMS AND HOW THIS METER HELPS

| | |
|---|---|
| Common Problems and How This Meter Helps | How the Master Science Pocket Multiparameter Meter simplifies quick water checks: |
| Several pens for one water sample | five functions in a single tester. |
| Batteries drained by forgetting to switch off | auto power-off. |
| Splashes at the pool or tank | IP65 protection. |

## Applications

**The Master Science Pocket Multiparameter Meter is used for**
Household tap water Outdoor water sources Aquariums and aquaculture Swimming pools Laboratory spot checks Checking detergent residue and water purifier filters

## Measurement

- Industrial-grade sensor for accurate readings
- Five parameters selected by button

## Design

- Lightweight hand-held body
- Simple button controls
- IP65 ABS housing

## Packaging

- Rigid box with plastic tray for protection