Pocket TDS Tester Multi-Range - Pen Type TDS Meter - 0-1000 ppm and 20.00 ppt - ±1% F.S.

Model **MSTDS-P20SWISS** | Brand **Master Science**





The Master Science Pocket TDS Tester is a multi-range pen meter for total dissolved solids. Four ranges, 10.00, 100.0 and 1000 ppm and 20.00 ppt, cover everything from purified water to saline solutions, with ±1% of full scale accuracy.

KEY HIGHLIGHTS

- One tester for dilute and concentrated samples
- Readings matched to your water type
- Temperature-corrected
- Calibration without guesswork
- Long battery life

AT A GLANCE

0 to 10.00, 100.0, 1000 ppm; 20.00 ppt
TDS RANGES

four switchable ranges.
SINGLE-RANGE PENS THAT OVER-RANGE

0 to 60 °C (32 to 140 °F)
TEMPERATURE RANGE

±1% F.S.
TDS ACCURACY

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

support@themsci.com
www.themsci.com

Scan to view online

Overview

Temperature is shown on the second display line and compensated automatically from 0 to 60 °C. Calibration takes one to three points with automatic recognition of TDS standards, and the conversion factor can be set between 0.1 and 1.0.

Key Benefits

One tester for dilute and concentrated samples
the Master Science Pocket TDS Tester has four ranges.

Readings matched to your water type
adjustable TDS factor.

Temperature-corrected
automatic compensation.

Calibration without guesswork
standards recognised automatically.

Long battery life
about 200 hours.

For bench work with more parameters, see the Master Science benchtop EC meter.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSTDS-P20SWISS
SKU	MSTDS-P20SWISS
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Model Number	MSTDS-P20SWISS
SKU	MSTDS-P20SWISS
TDS Ranges	**0 to 10.00, 100.0, 1000 ppm; 20.00 ppt**
TDS Resolution	0.01, 0.1, 1
TDS Accuracy	**±1% F.S.**
Calibration	1 to 3 points, automatic standard recognition
Temperature Range	**0 to 60 °C (32 to 140 °F)**
Temperature Resolution / Accuracy	**0.1 °C / ±1 °C**
Temperature Offset Calibration	1 point, reading ±10 °C
Temperature Compensation	0 to 60 °C, automatic
TDS Factor	0.1 to 1.0 (default 0.5)
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 long × 40 mm diameter
Weight	100 g

HOW THE MASTER SCIENCE POCKET TDS TESTER MAKES TDS CHECKS EASIER	
Single-range pens that over-range	**four switchable ranges.**
Readings changing with temperature	automatic compensation.
Unsteady display	auto-read hold.
Flat batteries	auto power-off after 8 minutes.

Applications

The Master Science Pocket TDS Tester is used for
Total dissolved solids measurement in water samples
Spot checks in the laboratory or on site

Measurement

- Auto-read senses and locks the end point
- Manual hold
- TDS and temperature shown together

Setup

- Number of calibration points
- TDS conversion factor
- Five setup options in the menu
- Reset to factory defaults

Power

- Auto power-off
- Two AAA batteries