



Be Right™



## Sension+ MM156 Portable Multi-Parameter Meter, Field Kit with Multi Sensor for pH, Conductivity, Salinity and Dissolved Oxygen (DO)

Product #: LPV4049.97.0002  
ZAR Price: Contact Hach

### Hach Sension+: Fast and simple measurements

Hach Sension+ family:

Fast results: Provided by the right choice of quickly responding electrodes for your application, integrated laboratory systems or unique multi probes with up to 4 parameters by 1 click for field applications.

Maximum simplicity: Sension+ systems come complete with everything you need to start testing.

Ease of use operation, either with superior field usability or fully integrated laboratory set up:

Sension+ simplifies your measurement tasks!

**Fast: 4 Parameters simultaneously - with one meter, one probe, one click.**

A single probe provides pH, Conductivity, Dissolved Oxygen and Temperature simultaneously.

**Maximum simplicity: Sension+ kits come complete with everything you need to start testing.**

Sension+ portable kits include meter, probe, carrying case and all required accessories.

**Sension+ kits offer superior field usability**

Sension+ carrying cases work as complete, portable labs.

Screw-on calibration tubes and probe storage tubes simplify use in field.

**Designed for field use**

IP67 - protected.

**Ideal for Environmental Control and general aqueous samples.**

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### Specifications

AC Power Adapter and USB/DC Adapter:	No
Accuracy:	-
Accuracy 3:	-
Automatic Buffer Recognition:	pH 2.01, 4.01, 7.00, 9.21, 10.01
Barometric Pressure Measurement:	Manual introduction
Calibration curves display:	Slope and assymetry potential displayed
Compliance Certifications:	CE.WEEE

Conductivity Accuracy:	≤ 0.5 % (± 1 digit) of measurement range
Conductivity Measurement at Stable Reading:	Yes
Conductivity measurement: Temperature correction:	-
Conductivity Range:	0.01 µS/cm - 500 mS/cm 1 µS/cm - 30 mS/cm (probe range)
Conductivity resolution:	Depending on the measurement range
Dimensions (H x W x D):	38 mm x 74 mm x 186 mm
Display:	Backlit LCD with pictograms
Display Type:	128 x 64 pixel, simultaneous readings
DO Measurement Range:	0.00 - 19.99 mg/L and 20.0 - 22.0 mg/L (25°C)
DO Resolution:	0.01 mg/L depending on measurement range
DO sensor calibration:	1 to 2 point, saturated air, 0% DO calibration chamber delivered with kit
Electrode stand:	No
Environmental Conditions: Relative Humidity:	< 80 % relative humidity (non-condensing)
Environmental Conditions: Temperature:	0 - 50 °C (32 - 122 °F)
GLP Features:	-
Height (Overall):	-
Inputs:	MP-8
Interface Languages:	Icon based, no language needed
Internal Data Storage:	-
IP Rating:	IP67
Languages user interface:	-
Manual Languages:	Multi-lingual
Measurement method:	Auto stabilisation, continuous
Measuring Range ORP:	-
Model:	MM156
mV Resolution:	-
Operating Interface:	Keypad
Output:	-
Parameter:	pH, Conductivity, Salinity, Dissolved Oxygen, Temperature
PC Data Transfer Software :	-
pH Accuracy:	≤ 0.02 pH (± 1 digit)
pH Electrode calibration:	1 to 3 points calibration
pH Measurement Range:	-2.00 - 19.99 pH
pH Resolution:	0.01 pH
Power Supply:	Batteries (see Battery Requirements)
Pressure compensation:	-
Probes included:	Yes
Resolution:	EC: 0.01 µS/cm - 1 mS/cm depending on range
Salinity Measurement Range:	0.0 - 1999 mg/L 2.0 - 50.0 g/L NaCl
Salinity Resolution:	0.1 - 1 mg/L or g/L NaCl

Simultaneous measurements:	pH, Conductivity (or TDS), Salinity, Dissolved Oxygen, Temperature
Temperature Accuracy:	0.2 °C (± 1 digit)
Temperature Compensation:	Automatic or manual
Temperature Measurement:	-20.0 - 150.0 °C (-4.0 - 302.0 °F)
Temperature resolution:	0.1 °C (0.1 °F)
Warranty:	3 years
Water Resistance:	IP67
Weight:	0.3 kg

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## What's in the box?

Includes: Sension+ MM156 meter, Sension+ 5049 multi sensor for pH, Conductivity, Dissolved Oxygen and Temperature, Sension+ portable field carrying case, 125mL of pH4, pH7 and pH10 calibration standards, 147µS/cm, 1413µS/cm and 12.88mS/cm calibration standards, color coded screwable calibration tubes, sample and measurement containers, electrode storage solution and user documentation.