

Mettler Toledo SevenExcellence™ Meters Continued



pH/mV Meters Continued

	Measuring Range	Resolution	Accuracy
pH	–2 to 20	0.001/0.01/0.1	±0.002
mV	–2000 to 2000	0.1/1	±0.1
ISFET pH	0.00 to 14.00	0.001/0.01/0.1	±0.05
Temperature, °C	–30 to 130	0.1	±0.1
Calibration	Max 5 points, 8 pre defined and 20 user defined buffer groups		
Methods	17 pre defined and 60 user defined		
System	Date/time, PIN protection, user management, 10 languages		
Data Storage/Export	At least 20000 data points, 250 analyses/USB stick, LabX software		

Code	Alt Ref	Description	Price
PHM8002	30046240	S400-Basic instrument with pH/mV expansion unit, two blank expansion units, electrode holder, cover operating instruction, lab guide and LabX software	£1775.00
PHM8004	30046241	S400-Kit, as S400-Basic with the addition of InLab® Expert Pro-ISM, guide to pH measurement and 2 sachets for pH 4.01, 7.00, 9.21, and 10.00	£2015.00
PHM8006	30046242	S400-Bio kit, as S400-Kit but with InLab® Routine Pro-ISM cable kit replacing the InLab® Expert Pro-ISM	£2095.00
PHM8010	30092982	S400-Micro kit, as S400-Kit but with InLab® ultra micro replacing the InLab® Expert Pro-ISM sensor	£2025.00
PHM8012	30092983	S400-uMix kit, as S400-Kit, also including magnetic stirrer uMix	£2125.00
PHM8014	30092989	S975-uMix kit includes pH/mV instrument with pH/Ion and DO/BOD expansion units, uMix magnetic stirrer, InLab® Expert Pro-ISM, InLab® 731-ISM and InLab® OptiOx sensors, electrode holder, cover, instructions and LabX software	£5000.00



Conductivity Meters

This meter is flexible and fits a variety of lab environments. Measuring resistivity, salinity, total dissolved solids and conductivity, it can also accommodate special applications including USP/EP measurement of pure water with limits monitoring and Conductivity Ash measurements according to two ICUMSA regulations.

- InLab® Trace conductivity cell provides high temperature accuracy and optional flow through cell provides an ideal solution for pure water measurement
- Temperature compensation mode increases the reliability of readings for pure water and is automatically disabled when using the predefined USP/EP method

	Measuring Range	Resolution	Accuracy
Conductivity	0.001µS/cm to 2000ms/cm	0.001 to 1	±0.5%
Temperature, °C	–30 to 130.0	0.1	±0.1
Calibration	13 predefined and 20 user defined standards		
Temperature Compensation	Non linear, linear, off, pure water; reference temperature 20 or 25°C		
Methods	17 predefined, 60 user defined		
Data Storage	At least 20000 data points, 250 analyses/USB stick LabX software		

Code	Alt Ref	Description	Price
PHM8016	30046244	S700-basic instrument with conductivity expansion unit, 2 blank expansion units, electrode holder, cover, instructions and LabX software, no sensor	£1995.00
PHM8018	30046245	S700-kit, as S700-basic with InLab® 731-ISM sensor and 2 sachets of 1413µS/cm and 12.88ms/cm standards	£2260.00
PHM8020	30046246	S700-trace kit, as S700-kit but with flow cell, InLab® Trace replacing InLab® 731-ISM sensor and no calibration sachets	£3570.00
PHM8022	30046252	S470-basic dual channel meter, as S700-basic but with a pH/mV expansion unit, no sensors	£2310.00
PHM8024	30046253	S470-kit, as S470-basic but with an InLab® Expert Pro-ISM sensor and 2 buffer sachets each for pH 4.01, 7.00, 9.21 and 10.00	£2715.00
PHM8026	30046254	S470-USP/EP kit, as S470-kit but with InLab® Pure Pro-ISM and InLab® 741-ISM replacing InLab® 731-ISM and InLab® Expert Pro-ISM BNC/RCA multipin ISM cable, no calibration sachets	£3120.00