

## Mettler Toledo SevenDirect SD23 pH and Conductivity Meters Continued



	Measuring Range	Resolution	Accuracy
pH	-2.000 to 20.000	0.1 / 0.01 / 0.001	±0.002
mV	-2000.0 to 2000.0	1 / 0.1	±0.2
Ion Concentration	0.000–100.000 mmol/L, mol/L, mg/L, ppm	0.00001	0.5% of value
Conductivity	0.000 µS/cm–2000 mS/cm	Auto-range, max. 0.001	0.5% of value
TDS	0.00 mg/L–1000 g/L	Auto-range, max. 0.001	0.5% of value
Resistivity	0.00–100.0 MΩcm	Auto-range, max. 0.001	0.5% of value
Temperature	–30.0 to 130.0 °C	0.1 °C	±0.1 °C
Calibration	pH 5 calibration points, linear or segmented. Cond. 1 or 2 point		

Code	Alt Ref	Description	Supplied with	Price
PHM1018	30671553	SD23 pH/Cond meter only	SD23 meter and EasyPlace arm	£1729.00
PHM1030	30671567	SD23-Kit	SD23 meter, InLab Expert Pro-ISM electrode, InLab 731-ISM probe, standard sachets and EasyPlace arm	£2174.00
PHM1032	30671568	SD23-Pure water kit	SD23 meter, InLab Pure Pro-ISM, electrode, InLab 741-ISM probe, standard sachets and EasyPlace arm	£2391.00

## Accessories

Code	Alt Ref	Description	Pack	Price
PHM1034	30671570	EasyMix magnetic stirrer	Each	£237.00
51302068	51302068	Rainbow I pH buffers, pH 4.01/7.00/9.21	3 x 10 sachets of 20mL	£62.20
PHM0056	30014096	InLab Expert Pro-ISM, rugged 3-in-1 pH sensor, PEEK shaft, ATC	Each	£269.00
PHM0057	51344055	InLab Routine Pro ISM, 3-in-1 pH sensor, glass shaft, ATC, refillable	Each	£287.00
PHM0550	51302049	1413µS/cm conductivity standard	30 x 20mL	£56.30
PHM0552	51302050	12.88mS/cm conductivity standard	30 x 20mL	£56.30
30014092	30014092	InLab 731-ISM probe	Each	£405.00
30014094	30014094	InLab 741-ISM probe	Each	£555.00
PHM2612	11124301	USB-P25/01 compact printer for the MP50 melting point system	Each	£765.00

## Mettler Toledo SevenExcellence™ Meters



The SevenExcellence™ bench meter series is ideal for complex applications, labs working in a regulated environment and provides added value in routine lab work thanks to its ease of use and efficiency. All instruments incorporate large clear colour displays with touch screen operation and intuitive menu selection using OneClick™ for quick method access. The modular nature of SevenExcellence™ bench ensures flexibility and makes the addition of new testing parameters straightforward at any point.

## pH/mV Meters

Offer high levels of flexibility measuring not only pH and ORP with classical sensors, but also supporting pH measurement with ISFET technology. There are numerous measurement, calibration and endpoint possibilities including: endpoint measurement after a predefined interval with timed endpoint setting; automatic endpoint measurement according to predefined or user-defined endpoint criteria.

- Choose from a series of 8 predefined buffers or utilise the Pick-and-Mix™ feature and combine pH buffers from different groups
- Methods create a secure and efficient way of calibrating a pH sensor – once a method is created, each subsequent calibration will use identical settings
- Performance of a pH sensor can be assessed through a special method type sensor test that checks various measurement characteristics such as drift and repeatability

