SevenDirect SD30 Conductivity Meter

Straight to the Point

Traceable Results

Reliable tracking of each stored measurement with the analysis it originates from: SevenDirect™ simplifies data entry and records additional information like date and time, user ID and sensor ID.

Verification of Accuracy

Automated verification for precise results: for regular verification when measuring low conductivity samples, SevenDirect™ provides a preset procedure with on-screen instruction and clear pass/fail indications.
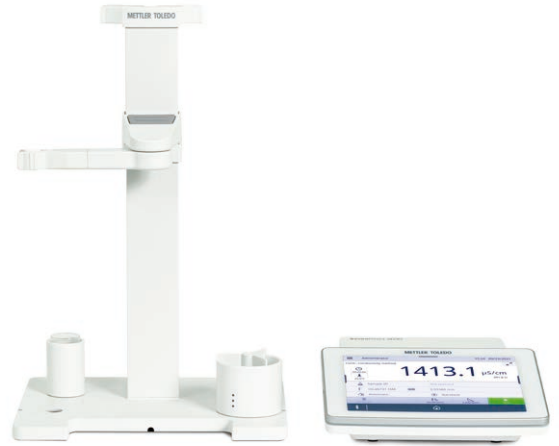
Temperature Factored In

Compensating temperature warrants comparable results: SevenDirect™ offers different temperature correction options depending on the sample—and using methods, it is quick and easy to pick the right setting for each measurement.

Stirring for Reliable Results

Homogenized samples for more accurate results: program the EasyMix™ magnetic stirrer for the desired behaviour as part of the measurement method, including stirring and waiting periods.

SevenDirect Advanced Conductivity Meter Line

The Right Solution for Your Industry

Conductivity measurements are common procedures in many laboratories and accurate results are often critical for safety and product quality. Developed for a wide range of applications, SevenDirect™ SD30 benchtop meters provide reliable readings of almost any sample. Their ease of use, data handling options and robustness will delight discerning users.

No matter what industry—these features make a difference:
- 7" touchscreen with intuitive user interface
- uFocus mode for most important parameters
- StatusLight allowing for an easy readiness check
- Two-level user management to protect instrument settings
- Easy sample ID entry helps to keep track of results
- Optional EasyDirect™ software simplifies data handling
- IP54 protection against dust and spills

METTLER TOLEDO

General Specifications

Measurement parameters	Range	Resolution	Accuracy	Calibration methods	Calibration points
Conductivity	Conductivity: 0.000 µS/cm…2,000 mS/cm TDS: 0.00 mg/L…1,000 g/L Salinity: 0.00…80.00 psu Resistivity: 0.00…100.0 MΩ*cm	Auto-range, max. 0.001	0.5% of measured value	Linear, Manual cell constant	1 or 2
Temperature	−30.0…130.0	0.1 °C	±0.1 °C	–	–

SevenDirect SD30 Kits Overview and General Accessories

Kit	Scope of Delivery	Material No.
Basic Instrument	Instrument, power supply, protective cover, Get-Started-Guide, electrode holder EasyPlace™	30671551
Kit	SD30, plus conductivity sensor InLab 731-ISM and 2 × 2 conductivity standard sachets (1413 µS/cm and 12.88 mS/cm)	30671562
Pure H$_2$O Kit	SD30 kit, with InLab 741-ISM instead of InLab 731-ISM and 2 conductivity standard sachets (84 µS/cm)	30671563

General Accessories	Material No.
EasyPlace: Electrode arm (included in standard delivery)	30671569
Protective cover (included in standard delivery)	30671529
Barcode Scanner	30417466
Licence for EasyDirect™ pH software	30323214
USB A-B cable 1.8 m for EasyDirect™	51191926
EasyMix magnetic stirrer	30671570
84 µS/cm conductivity standard in sachets, 10 × 20 mL	30111140
1413 µS/cm conductivity standard in sachets, 30 × 20 mL	51302049
12.88 mS/cm conductivity standard in sachets, 30 × 20 mL	51302050

www.mt.com/pH

For more information