

SevenDirect SD20 pH/mV 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.



Intuitive to Use

Increased productivity and minimized risk of errors: with its on-screen instructions, SevenDirect supports operators in carrying out procedures correctly and with confidence. The automated limit checks enable quick decisions in quality control.



Tough Enough

Protection from splash water, chemicals and dust to prevent inaccurate results and corroded connectors: the IP54 rating of SevenDirect keeps the interior of the instrument safe, even with sensors attached. The replaceable protective cover provides an extra layer of protection.



Specialized Sensors

Accurate measurements of challenging samples such as organic solvents, solid and semisolid food or highly viscous liquids: benefit from Intelligent Sensor Management (ISM®) to ensure the right sensor is used for each sample.



SevenDirect Advanced pH Meter Line

The Right Solution For Your Industry

pH or ORP measurements are common procedures in most laboratories and accurate results often critical for safety and product quality. Developed for a wide range of applications, SevenDirect™ SD20 benchtop meters provide reliable measurements 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 for simplified data handling
- IP54 protection against dust and spills



General Specifications

Measurement parameters	Range	Resolution	Accuracy	Calibration methods	Calibration points
pH	-2.000...20.000	0.1/0.01/0.001	±0.002	Linear, Segmented	1 to 5
mV	-2,000.0...2,000.0 mV	1/0.1	± 0.1(-500.0...500.0 mV) ± 0.2 (-2,000.0...2,000.0 mV)	-	-
Temperature	-30.0...130.0	0.1 °C	±0.1 °C	-	-

SevenDirect™ SD20 Kits Overview and General Accessories

Kit	Scope of Delivery	Material No.
Basic Instrument	Instrument, power supply, protective cover, Get-Started-Guide, electrode holder EasyPlace™	30671550
Kit	SD20, plus pH electrode InLab Expert Pro-ISM and 3 × 3 calibration buffer sachets (pH 4.01, 7.00 and 9.21 or 10.01)	30671554
Stirrer Kit	SD20 Kit plus EasyMix magnetic stirrer	30671555
HA Kit	SD20 Kit, with InLab Routine Pro-ISM instead of InLab Expert Pro-ISM	30671556
Organic Kit	SD20 Kit, with InLab Science Pro-ISM instead of InLab Expert Pro-ISM	30671557
Pure H ₂ O Kit	SD20 Kit, with InLab Pure Pro-ISM instead of InLab Expert Pro-ISM	30671558
Solids Kit	SD20 Kit, with InLab Solids Pro-ISM instead of InLab Expert Pro-ISM	30671559
Viscous Kit	SD20 Kit, with InLab Viscous Pro-ISM instead of InLab Expert Pro-ISM	30671560
Low Vol Kit	SD20 Kit, with InLab Micro Pro-ISM instead of InLab Expert Pro-ISM	30671561

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 PC software	30323214
USB A-B cable 1.8m for EasyDirect™	51191926
EasyMix magnetic stirrer	30671570
Rainbow I pH buffers (3 × 10 sachets of 20 mL, 4.01/7.00/9.21)	51302068
Rainbow II pH buffers (3 × 10 sachets of 20 mL, 4.01/7.00/10.01)	51302080