

# 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 <sub>2</sub> 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