

Crystal-clear Benefits:

pH meter Lab 8xx

Performance black on white – technical details:

| | | Lab 850 | Lab 860 | Lab 870 |
|---------------------------------|---|---------|---------|---------|
| mV measurement | Range: -999.9 ... +999.9 mV; -1999 ... +1999 mV | ■ | ■ | ■ |
| | Accuracy (±1 digit) in mV | 0.3 | 0.3 | 0.3 |
| pH measurement | Range: -2.000 ... +19.999 pH | ■ | ■ | ■ |
| | Accuracy (±1 digit) | 0.005 | 0.005 | 0.005 |
| pH calibration | 1-, 2-, 3-Point calibration | ■ | ■ | ■ |
| | Buffer set DIN/NIST and Technical, SCHOTT Instruments (and other producers) | ■ | ■ | ■ |
| | Current calibration data recallable | ■ | ■ | ■ |
| Temperature measurement | Range: -5.0 °C to + 120.0 °C | ■ | ■ | ■ |
| | Unit °C / °F selectable | ■ | ■ | ■ |
| | Automatic switch-over to manual temperature input when no temperature sensor is connected | ■ | ■ | ■ |
| | Accuracy in °C (±1 digit) | 0.1 | 0.1 | 0.1 |
| Connectable temperature sensors | Pt1000 / NTC30 kOhm temperature sensors | ■ | ■ | ■ |
| Interfaces | RS-232-C interface, bidirectional | ○ | ■ | ■ |
| | USB interface (slave) | ○ | ■ | ■ |
| | Diagnostic plug | ■ | ○ | ○ |
| Date/Time | Built-in real-time clock | ■ | ■ | ■ |
| Operation | Membrane keypad, tactile response | ■ | ■ | ■ |
| Display | Big LCD Display | ■ | ■ | ■ |
| Stability control | Activatable | ■ | ■ | ■ |
| Sensor recognition | Serial number of sensor evaluated | ○ | ○ | ■ |
| | Current calibration data stored in transponder | ○ | ○ | ■ |
| | Calibration interval stored in transponder | ○ | ○ | ■ |
| Data storage | 800 records | ○ | ■ | ○ |
| Additional features | Supports all GLP needs | ○ | ■ | ■ |
| | Calibration interval adjustable | ■ | ■ | ■ |
| | Sensor evaluation and calibration timer displayed in symbol "CalClock" | ■ | ■ | ■ |
| | Acoustical/optical alarm | ■ | ■ | ■ |
| | Input resistance $\geq 10^{13}$ Ohm | ■ | ■ | ■ |
| Warranty | 3 years | ■ | ■ | ■ |

| Type No. | Description | Order No. |
|-------------|---|-----------|
| Lab 850 Set | Lab 850 with pH electrode BlueLine 14 pH and DIN buffers 4.01 + 6.87 | 285201310 |
| Lab 860 Set | Lab 860 with pH electrode BlueLine 14 pH and DIN buffers 4.01 + 6.87 | 285201330 |
| Lab 870 Set | Lab 870 with pH electrode BlueLine 14 pH ID and DIN buffers 4.01 + 6.87 | 285201350 |

Sets include cover for Lab meter, universal power supply unit and stand set S4D (consists of massive base weighing 1.5 kg and fl exible arm adjustable in 3 axis)

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