

## PC9500 Benchtop pH/Conductivity Meter



### Main Features

- User-friendly operation thanks to graphical guidance and on-screen descriptions
- GLP data management (incl. time, date, sample ID, electrode, user) with data output via USB
- Password-protected operation; supports GLP printer
- Includes magnetic stirrer and electrode holder
- Multilingual operating system (German, English, Chinese, Spanish)
- Large backlit LCD simultaneously shows pH, conductivity, and temperature, plus additional measurement and calibration information
- With its integrated microprocessor chip, the meter offers smart functions such as automatic calibration, automatic temperature compensation, function settings, self-diagnosis, and data logging

### What's in the Kit

|                                                                    |        |
|--------------------------------------------------------------------|--------|
| PC9500 Multi-Parameter Meter                                       | 1      |
| LabSen 211 pH glass electrode                                      | 1      |
| 2401T-F conductivity electrode                                     | 1      |
| MP500 temperature sensor                                           | 1      |
| Calibration solutions (pH 4,00; pH 7,00; pH 10,01), 50 ml each     | 1 each |
| Standard solutions (84 µS/cm; 1413 µS/cm; 12,88 mS/cm), 50 ml each | 1 each |
| 606 electrode holder                                               | 1      |

|                  |   |
|------------------|---|
| Magnetic stirrer | 1 |
| USB cable        | 1 |
| GLP printer      | 1 |
| Manual           | 1 |
| Power adapter    | 1 |

## Technical Parameters

|              |                      |                                                                                                 |
|--------------|----------------------|-------------------------------------------------------------------------------------------------|
| pH           | Measuring range      | -2,000 to 20,000                                                                                |
|              | Resolution           | 0,1/0,01/0,001                                                                                  |
|              | Accuracy             | $\pm 0,002 \pm 1$ digit                                                                         |
|              | Calibration          | Automatic 1- to 5-point calibration                                                             |
|              | Temp.-Compensation   | 0 to 100 °C (automatic or manual)                                                               |
| mV           | Measuring range      | $\pm 2000$ mV                                                                                   |
|              | Resolution           | 0,1/1 mV                                                                                        |
|              | Accuracy             | $\pm 0,03$ % F.S. $\pm 1$ digit                                                                 |
| Conductivity | Measuring ranges     | EC: 0 to 2000 mS/cm<br>TDS: 0 to 500 g/l<br>Salinity: 0 to 100 ppt<br>Resistivity: 0 to 20 MΩcm |
|              | Resolution           | 0,01/0,1/1 µS/cm; 0,01/0,1/1 mS/cm                                                              |
|              | Accuracy             | $\pm 0,5$ % F.S. $\pm 1$ digit                                                                  |
|              | Cell constant        | 0,1/1/10 cm <sup>-1</sup>                                                                       |
|              | Temp.-Compensation   | 0 to 50 °C (automatic or manual)                                                                |
| Temperature  | Measuring range      | -10 to 110,0 °C                                                                                 |
|              | Resolution           | 0,1 °C                                                                                          |
|              | Accuracy             | $\pm 0,5$ °C $\pm 1$ digit                                                                      |
| Other        | Electrode connectors | pH/conductivity: BNC; temperature: RCA                                                          |
|              | Memory capacity      | 2000 groups                                                                                     |
|              | Stored values        | Number, reading, temperature                                                                    |
|              | Power adapter        | DC 9 V/600 mA                                                                                   |
|              | IP rating            | IP54 (protected against dust and splashing water)                                               |
|              | Dimensions           | 360 × 235 × 400 mm                                                                              |
|              | Weight               | 1,7 kg                                                                                          |