

# QUIMICOMPANY

EQUIPOS E INSUMOS PARA LABORATORIO

**APERA**  
INSTRUMENTS

## BENCHTOP PH/CONDUCTIVITY METER KIT WITH TESTBENCH

REF: PC950



Press **MPM** key 3s to save rotating speed and display **MPM** icon, adjust rotating speed **UP** icon will be displayed, press **MPM** key again to switch **UP** to **DOWN** (two different speed)



Flexible electrode holder

Storage solution bottle

Stir bar

Calibration standards

Intelligent stirrer



a. Connect to use



b. Separate to use



### pH Features

- Comes with the Swiss LabSen® 211 pH combination electrode and the MP500 temperature probe, achieving highly accurate measurements in the fastest manner
- 1 to 3 points automatic calibration with calibration instruction and self-diagnosis
- Automatically recognizes pH standard solution (1.68, 4.00, 7.00, 10.01, 12.45). 3 series buffer standards for selection: USA, NIST, China series, as well as user-customized standards.
- Automatically display electrode slope.
- Standard BNC pH connector, RCA connector for a temperature probe, NTC 30KΩ thermistor

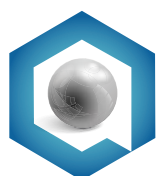
### Conductivity Features

- The 2401T-F glass conductivity/temp. electrode designed for research-level conductivity measurement from 0 to 200mS/cm at ±1% F.S accuracy
- 1 to 4 points automatic calibration with calibration instruction and self-diagnosis
- Automatically recognizes conductivity standard solution (84μS/cm, 1413μS/cm, 12.88mS/cm, 111.8mS/cm).
- Standard BNC conductivity connector, RCA connector for a temperature probe, NTC 30KΩ thermistor

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## BENCHTOP PH/CONDUCTIVITY METER KIT WITH TESTBENCH

REF: PC950

### Technical Specifications

| Parameters   |                                              | Description                                   |
|--------------|----------------------------------------------|-----------------------------------------------|
| pH           | Range                                        | (0.00 ~ 14.00) pH                             |
|              | Resolution                                   | 0.1/0.01 pH                                   |
|              | Accuracy                                     | ±0.01 pH±1 digit                              |
|              | Temp. compensation                           | 0 to 100°C, automatic or manual               |
|              | Calibration                                  | 1 to 3 points automatic                       |
|              | Buffer                                       | USA/NIST/CH                                   |
| mV           | Range                                        | -2000 mV to 2000 mV                           |
|              | Resolution                                   | 1 mV                                          |
|              | Accuracy                                     | ±0.1% F.S                                     |
| Conductivity | Range                                        | 0 to 200.0 mS/cm                              |
|              | Resolution                                   | 0.1/1µS, 0.01/0.1mS                           |
|              | Accuracy                                     | ±1%F.S                                        |
|              | Electrode constant                           | 0.1/1.0/10.0 cm <sup>-1</sup>                 |
|              | Temp. compensation                           | 0 to 50°C (32 to 212°F) , automatic or manual |
|              | Reference temperature                        | 15 to 30°C                                    |
|              | Temp. compensation coefficient               | 0 to 10.00%/°C                                |
|              | Calibration                                  | 1 to 4 points automatic                       |
|              | Calibration standard                         | USA/CH                                        |
| TDS          | Range                                        | 0.1mg/l to 100 g/l                            |
|              | TDS coefficient                              | 0.40 to 1.00                                  |
| Salinity     | Range                                        | 0 to 100 ppt                                  |
| Resistivity  | Range                                        | No                                            |
| Temp.        | Range                                        | 0 to 100.0°C                                  |
|              | Resolution                                   | 0.1°C; 0.1/1°F                                |
|              | Accuracy                                     | ±0.5°C                                        |
| Others       | Automatic hold                               | Yes                                           |
|              | Date and time                                | Yes                                           |
|              | Date storage                                 | 200 sets                                      |
|              | Auto. timing data logger                     | Yes                                           |
|              | Self diagnosis information                   | Yes                                           |
|              | USB output                                   | Yes                                           |
|              | Input ID for sample, electrode, and operator | No                                            |
|              | Calibration password protection              | No                                            |
|              | Supports GLP printer                         | No                                            |
|              | Virtual keyboard                             | No                                            |
|              | Electrode holder                             | 606 combination test bench (with stirrer)     |
|              | IP Rating                                    | IP54 splash-proof and dust-proof              |
|              | Power                                        | DC9V                                          |
|              | Dimension and Weight                         | 360×165×400mm; 1.25kg                         |
|              | Electrode                                    | BNC for pH/ORP/conductivity; RCA for temp.    |