



**pH 70**

**Portable pH Meter**

**Electrochemistry on the Move**  
**The Portable Solution**

# pH 70

## pH - mV - ORP - Temperature

### Features



GLP functions:  
Date and time, recall of  
calibration data and function  
"Calibration due."



Data logger up to 1000 datas,  
automatic and manual,  
PC connect via micro-USB



Automatic brightness  
regulation, for long battery life.

### Available with

| Item             | Description   |
|------------------|---|
| 201 T DHS        | Digital pH electrode, DHS technology , plastic body for general use. Temperature sensor integrated.<br>pH 0...14, temperature 0...60 °C. Dimensions (LxØ) mm 120x12 |
| STANDARD DHS     | Digital pH electrode, DHS technology. Glass body with temperature sensor integrated.<br>Electrolite KCl 3M, cable 1 m. pH 0...14, Temp -10...100°C                  |
| REDOX            | Combined Redox electrode. plastic body for general use. Cable 1 m.<br>Range $\pm 1.000$ mV, Temperature 0...60 °C. Dimensions (LxØ) 120 x 12 mm                     |
| NT 55            | Temperature sensor NTC 30 K for air and liquid measurement  |
| ST 10            | Variable speed magnetic stirrer, complete with rechargeable batteries, magnetic bar and power supply  |
| ELECTRODE HOLDER | Flexible electrode holder   |

Only 6 buttons to  
easily manage all the  
functions of the instrument.

*A comfortable portable laboratory.*

The instrument is supplied in a practical kit  
which includes:  
Colored buffer solutions of pH, USB cable and power  
supply (70 Vio series only),  
instructions for use and plastic carrying case.



# Datasheet

## pH 70

| pH 70                              |                                      |
|------------------------------------|--------------------------------------|
| <b>pH</b> Measuring range          | -2,00...16,00                        |
| Resolution / Accuracy              | 0.1, 0.01 / +0.02                    |
| Calibration points                 | 1...3 automatic + 2 custom           |
| Recognized buffers                 | USA, NIST                            |
| DHS sensor recognition             | Yes                                  |
| <b>mV</b> Measuring range          | -1000 ... +1900                      |
| Resolution                         | 0.1 / 1                              |
| <b>ORP</b> Calibration points      | 1 point = 475 mV                     |
| <b>Temperature</b> Measuring range | -10,0...110,0 °C                     |
| Resolution / Accuracy              | 0,1 / ± 0,5°C                        |
| Temperature compensation           | 0,0...100,0 °C                       |
| <b>System</b> : GLP                | Yes                                  |
| Calibration due                    | Yes                                  |
| Buffer indication                  | Yes                                  |
| Calibration report                 | Yes                                  |
| Stability filter                   | Low – Nor - High                     |
| Internal memory                    | 1000 Data                            |
| Display                            | High definition backligt colored LCD |
| Brightness settings                | Automatic                            |
| IP protection                      | IP 57                                |
| Output                             | Micro USB                            |
| Power                              | 3 batteries AA 1,5 V                 |
| Working conditions                 | T= 0 ... +45 °C / H = < 95 %         |
| Dimensions / Weight                | 185 x 85 x 45 mm / 400 g             |



**BOROSIL**  
Scientific

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