



**PB-10 Basic Bench Top pH Meter**



- Automatic calibration with recognition of up to 16 buffers
- Automatic temperature compensation
- Electrode check during calibration
- Stability icon
- BNC connector for glass-membrane pH electrodes or Redox electrodes

- Standard Equipment Supplied:
- Electrode holding arm and base plate.
  - pH combination Gel-filling electrode
  - With integrated temperature sensor (3-in-1)
  - AC adapter

<b>Measuring range</b>	
Voltage:	± 1500.0 mV
PH:	0 to + 14.00
Temperature:	- 5 to + 105°C
<b>Resolution</b>	
Voltage:	± 0.1 mV
PH:	± 0.01
Temperature:	± 0.1°C
<b>Accuracy</b>	
Voltage:	± 0.4 mV
pH:	± 0.01
Temperature:	± 0.2°C

**arium® mini – Ultrapure Water System  
 Unique Bagtank Technology**



You can always rely on the arium® mini and its unique Bagtank system to deliver consistently high water quality that even exceeds ASTM Type 1 requirements. Because the results you achieve are more reliable, you save valuable time while increasing your efficiency.

The closed Bagtank system reliably protects the pure water from secondary contamination by atmospheric components. Unlike conventional tank systems, the closed Bagtank system also prevents the formation of a permanent biofilm.

Depending on your needs, you can easily replace the bag (in just 5 minutes) and start always with a new basis every 6 months. This not only saves you immense effort and time spent cleaning and rinsing the system, you also avoid the use of chemicals



**arium® mini**

Standard Version – Without Direct Water Connection.  
 The device is fed via the integrated bag, which is filled by means of a built-in pump. Pre-treated water is automatically transferred from a vessel in the bag and thus serves as feed water for the production of Type 1 ultrapure water.

**arium® mini plus**

Advanced Version – with Direct Connection to the Drinking Water Supply Line.  
 Combined with a pre-treatment stage, the device is connected directly to the potable water supply. The processed water is then produced directly into the bag. The final production of Type 1 ultrapure water is then carried out with the specially developed arium® Scientific purification cartridge.

Water Quality	arium® mini		arium® mini plus	
Type 1 Water		■		■
Type 3 Water				■
Applications	arium® mini   mini plus		arium® mini UV   mini plus UV	
Buffer and media preparation		■		■
Histology		■		■
Preparation of reagents, blank samples etc.		■		■
ELISA (enzyme-linked immunosorbent assay)		■		■
AAS   GF-AAS (atomic absorption spectrometry)		■		■
Photometry		■		■
SPE (solid phase extraction)				■
IC (ion chromatography)				■
LC-MS (liquid chromatography–mass spectrometry)				■
GS-MS (gas chromatography coupled with mass spectrometry)				■
HPLC (high-performance liquid chromatography)				■