

# Electrochemistry Meters Series AL10

## Determination of pH, Conductivity



### Highlights

- High measuring accuracy
- Light weight
- Protective casing
- Large digital display
- "Low battery" indicator
- Two-Point Calibration

## AL10pH

The AL10pH is a high quality, portable, battery operated pH meter. The instrument is equipped as standard with protective casing and built-in electrode holder.

The gel electrode of the AL10pH is temperature resistant over the range 0 - 80 °C. It is fitted with a BNC connector as standard.

### Technical data AL10pH

<b>Range</b>	0 - 14 pH
<b>Resolution</b>	0.01 pH
<b>Temperature compensation</b>	not necessary
<b>Accuracy</b>	± 0.07 pH (pH5-pH9) ± 0.1 pH (pH4-pH10) ± 0.2 pH (pH1-pH3.9) ± 0.2 pH (pH10,1-pH13) 23 ± 5 °C, after calibration
<b>Ambient conditions:</b>	0 - 50 °C 0 - 80 % rel. humidity (non condensing)
<b>Battery</b>	9 V block
<b>Dimensions</b>	208 x 110 x 34 mm (L x W x H)
<b>Weight</b>	approx. 380 g
<b>Approval</b>	CE
<b>Order Code</b>	4721300

### Delivery Content

AL10pH, battery, pH-buffer (4.0 / 7.0), pH plastic electrode-type 110, in case, instruction manual and warranty information.

### Accessories AL10pH

Code	Article
721330	pH-electrode plastic/gel, type pH110
721247	pH-buffer, 4.01 (25°C), 90 ml
721248	pH-buffer, 7.00 (25°C), 90 ml
721249	pH-buffer, 10.01 (25°C), 90 ml



## AL10Con

The AL10Con is a compact and versatile meter. The unit is extremely easy to use and is equipped as standard with a protective casing and built-in electrode holder.

It is equipped with a LC display showing two or three decimal places and a measuring range either of 0.001 – 1.999 or 0.01 – 19.99 mS/cm.

The AL10Con can be calibrated and adjusted using a potentiometer.

### Technical data AL10Con

<b>Range</b>	0.001 - 1.999 mS/cm 0.01 - 19.99 ms/cm
<b>Resolution</b>	0.001 / 0.01 mS/cm
<b>Temperature compensation</b>	0 - 100 °C automatically 2 %/K, 25 °C
<b>Accuracy</b>	± 3 % Full Scale ± 1 Digit (23 ± 5 °C)
<b>Ambient conditions</b>	0 - 50 °C 0 - 80 % rel. humidity (non condensing)
<b>Battery</b>	9 V-Block
<b>Dimensions</b>	208 x 110 x 34 mm (L x W x H)
<b>Weight</b>	approx. 380 g
<b>Approval</b>	CE
<b>Order code</b>	4722300

### Delivery Content

AL10Con, battery, conductivity sensor, in case, instruction manual and warranty information.

### Accessories AL10Con

Code	Article
722250	Conductivity calibration solution, 1413 µS/cm, 500 ml

