

## PH - CHLORINE METER AK400 Chlorine- pH MAX

Measuring chlorine in water is an essential process to ensure the safety and quality of several processes, especially in drinking water treatment, swimming pool treatment, and industrial processes. Chlorine is a disinfectant widely used to eliminate pathogenic microorganisms and keep water safe for human consumption and use. However, inadequate chlorine levels can be harmful, and accurate measurement of residual chlorine is crucial to ensure levels are within acceptable limits for public health and quality standards.

Developed and manufactured by Akso, the meters of the Max line are portable, ideal for those looking for practical measurements.

In addition to having a modern design and display with adjustable backlight, the Max line meters have date, time and internal memory to record measurements, with the possibility of uploading data to the computer via USB connection, offering agility and safety in the analysis process.

The Max line meters allow you to select a user and sample ID, and to select among 3 language options (English, Spanish and Portuguese) making them extremely versatile and easy to understand. The Max meters are powered both via a 9V battery (non-rechargeable) and via USB with an automatic shutdown and Always On Display mode, making them ideal for use in the field and in the laboratory.



**2** years warranty against  
manufacturing defects  
(Already includes the legal warranty)  
(INSTRUMENT)



## SPECIFICATIONS

Measuring range:	Free/total chlorine: 0.0 to 5.0 ppm pH: 6.5 to 8.0 pH
Resolution:	Free/total chlorine: 0.01ppm (0 to 3.49 ppm) 0.1ppm (3.5 to 5.0 ppm) pH: 0.1pH
Accuracy:	Free/total chlorine: $\pm 0.03$ ppm + 3% reading pH: $\pm 0.2$ pH
Sample temperature:	15 to 35 °C
Sample volume:	10mL
Light source:	Light-emitting diode (LED)
Wavelength:	525nm
Adjustment:	5 points for chlorine and 3 points for pH
User ID:	9 options
Sample ID:	8 options
Memory	1000 records
Measuring cell:	Glass cuvette
Automatic shutdown:	Adjustable
Languages:	Portuguese, English, and Spanish
Operating Temperature:	0 to 50 °C
Operating humidity:	10 to 90 %RH (non-condensing)
Power:	9v alkaline battery (non-rechargeable) or AC/DC adapter(5Vdc – 500mA)
Dimensions (WxHxD):	95x80x190mm
Weight:	300g (with battery)

## Items included:

- 2 glass measuring cells (15mL) AK4550
- 1 USB-C cable
- 1 AK1075 AC/DC adapter
- 1 cloth for cleaning/drying the cuvettes
- 1 instruction manual
- 1 carrying case
- 1 reagent kit for free and total chlorine for 150 tests AK4001
- 1 reagent for pH measurement 100 tests AK4009