

## HARDNESS METER

**AK48 - HARDNESS  
TESTER**

Measuring total hardness in water is essential to ensure the quality and efficiency of various systems and processes. Water hardness can impact the taste and quality of drinking water, as well as cause deposits to build up in plumbing and appliances, which can reduce the efficiency of systems and increase maintenance costs. In industrial processes, measuring hardness is essential to prevent obstructions and maintain equipment efficiency. In the food and beverage industry, controlling hardness is important to ensure the quality and consistency of final products.

Akso's AK48 Total Hardness Tester pocket photometer offers a practical and accurate solution for these measurements. Compact and easy to use, the AK48 provides instant readings with a user-friendly digital interface, interactive messages and battery percentage indication. Available in four languages — English, Spanish, Italian and Portuguese — this instrument is ideal for monitoring the concentration of calcium and magnesium ions in water. The AK48 Total Hardness Tester ensures that hardness levels are always within desired parameters, contributing to efficiency and quality in different contexts.

**2**

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

(INSTRUMENT)

**CE**

## SPECIFICATIONS

Measuring range:	0 to 300 ppm
Resolution:	1 ppm
Accuracy:	$\pm 6$ ppm + 6% reading
Sample temperature:	15 to 35 °C
Sample volume:	10mL
Light source:	Light-emitting diode (LED)
Wavelength:	470nm
Measuring cell:	Glass cuvette
Operating Temperature:	0 a 50 °C
Operating humidity:	10 to 90 %RH (non-condensing)
Power:	9Vdc (1 9V battery)
Dimensions (WxHxD)	73 x 77 x 40 mm
Weight:	120g (with battery)
Method:	Standard colorimetric method 2340 C

## Items included:

- 2 AK4551 glass cuvettes with lids (Ø18.8 mm x 68mm)
- 1 flannel cloth
- 1 plastic carrying case
- 1 instruction manual