

## ALKALINITY METER

**AK44 – ALKALINITY  
TESTER**

Measuring water alkalinity is key to assessing its ability to neutralize acids and maintain a stable pH. Alkalinity, consisting of substances such as carbonates, bicarbonates, chlorides and sulfates, plays an important role in various applications. In drinking water treatment, it influences the choice and dosage of chemical products, ensuring that the pH remains safe for consumption. In the industrial setting, it affects the efficiency of processes and the quality of products. In swimming pools and spas, it helps maintain pH balance, preventing issues with equipment and skin irritation.

Akso's AK44 Alkalinity Tester pocket photometer is a compact, easy-to-use instrument that offers instant readings with a user-friendly digital interface. With its interactive messages, battery percentage indication, and 4 language options - English, Spanish, Italian and Portuguese - it is the best solution for a compliant, efficient and effortless alkalinity measurement.

**2**

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

(INSTRUMENT)

**CE**

## SPECIFICATIONS

Measuring range:	0.00 to 500ppm
Resolution:	1 ppm
Accuracy:	± 3 ppm + 5% reading
Sample temperature:	15 to 35 °C
Sample volume:	10mL
Light source:	Light-emitting diode (LED)
Wavelength:	630 nm
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 2320 A

## Items included:

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