

## FLUORIDE METER

**AK47 - FLUORIDE  
TESTER**

Measuring fluoride in water is essential to ensure public health and efficiency of industrial processes. Fluoride is added to drinking water to prevent tooth decay, but it is necessary to monitor its concentration to prevent dental fluorosis and ensure levels are within recommended limits. Additionally, fluoride can occur naturally in some water sources, requiring control to maintain drinking water quality. In the industrial setting, especially in food and beverage production, measurement is important to ensure compliance with food safety regulations and process efficiency.

Akso's AK47 Fluoride Tester pocket photometer offers a practical and accurate solution to address those needs. Compact and easy to use, the AK47 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 ensures that fluoride levels are monitored effectively, contributing to water safety and the compliance of industrial processes.

**2**

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

**CE****AKSO**

## SPECIFICATIONS

Measuring range:	0 to 2 ppm
Resolution:	0.01 ppm
Accuracy:	± 0.10 ppm + 5% reading
Sample temperature:	15 to 35 °C
Sample volume:	10mL
Light source:	Light-emitting diode (LED)
Wavelength:	520nm
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:	SPADNS colorimetric method

## Items included:

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