

COLOR METER AK42 - COLOR TESTER

Water color analysis is essential to assess its quality and identify the presence of contaminants. The color of the water can indicate the presence of dissolved and suspended substances, such as organic compounds, metals and algae, which put human health and the environment at risk. In drinking water, color can signal the presence of contaminants that affect its taste, odor and safety. In natural bodies of water, changes in color can indicate the presence of algae and pollutants, helping to monitor the ecosystem. In industrial and treatment processes, water color can impact the efficiency and cleanliness of treated water.

Akso's AK42 Color Tester is a meter that provides fast and accurate measurements through an advanced, high-accuracy sensor. Compact and easy to use, it offers instant readings with a user-friendly digital interface, interactive display messages and battery percentage indication. Available in 4 languages - English, Spanish, Italian and Portuguese - the AK42 is an essential tool to ensure water quality.



2

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

(INSTRUMENT)

CE

SPECIFICATIONS

Measuring range:	0 to 500PCU
Resolution:	1PCU
Accuracy:	± 10 PCU + 5% reading
Sample temperature:	15 to 35 °C
Sample volume:	12mL
Light source:	Light-emitting diode (LED)
Wavelength:	455nm
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:	Platinum-cobalt 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