

## COLOR METER

# AK405 - Color Max

Water color analysis is crucial to assess its quality and to 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 can affect human health and the environment. In drinking water, changes in color can signal contamination, which impacts water taste, odor and safety. In natural bodies of water, color can indicate the presence of algae and pollutants, which helps to monitor the ecosystem. In industrial and treatment processes, water color can influence efficiency and cleanliness of the treated water.

Akso's AK405Color Max is a meter designed to provide fast and accurate measurements of water color using an advanced, high-precision sensor. This portable instrument combines a compact design with an intuitive digital interface, making it easy to use and offering instant readings. The AK405Color Max includes a display with interactive messages, battery level indication, and is available in multiple languages, including English, Spanish, Italian and Portuguese.



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



## SPECIFICATIONS

Measuring range:	0 to 500 PCU
Resolution:	1 PCU
Accuracy:	± 3 ppm + 3% reading
Sample temperature:	15 to 35 °C
Sample volume:	15mL
Light source:	Light-emitting diode (LED)
Wavelength:	455nm
Adjustment:	5 points (0, 20, 100, 300, 500 PCU)
User ID:	9 options
Sample ID:	8 options
Memory	1000 log groups
Measuring cell:	Glass cuvette
Automatic shutdown:	After 2 minutes
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:

- 1 AK4550 cuvette
- 1 carrying case
- Kit with 5 filters for AK4107 syringe
- Calibration solution 0 PCU 20ml
- 1 USB cable
- Instruction manual