

WATER QUALITY TESTER

CODE 0410-EA31

- Suitable for measuring tap water, purified water, underground water, surface water (unpolluted) and other drinking water, to determine microorganisms and pesticide residues in water
- Use UV absorption method to measure COD, TOC, UV275 parameters of drinking water, and measure the conductivity to determine TDS of drinking water
- Can simultaneously measure 6 parameters: COD (chemical oxygen demand), TOC (total organic carbon), UV275 (ultraviolet wavelength 275nm), TDS (total dissolved solids), EC (electric conductivity), T (temperature) for comprehensive evaluation of water quality
- With intelligent scoring feature: 4 colors backlight indicate 4 grades of water quality
- Automatic temperature compensation
- Probe protection level: IP67



SPECIFICATION

Measuring range	COD	0~50 mg/L
	TOC	0~50 mg/L
	Conductivity	0~4000 μ S/cm
	TDS	0~2000 ppm
	UV275	0~1 au/cm
	Temperature	0~50 $^{\circ}$ C
Resolution	COD	0.01 mg/L
	TOC	0.01 mg/L
	Conductivity	1 μ S/cm
	TDS	1 ppm
	UV275	0.001 au/cm
	Temperature	0.1 $^{\circ}$ C
Accuracy	COD	0~5mg/L , \pm 0.5mg/L 5~50mg/L, \pm 10%
	TOC	0~5mg/L , \pm 0.5mg/L 5~50mg/L, \pm 10%
	Conductivity	\pm 3.5%FS
	TDS	\pm 3.5%FS
	UV275	0~0.1au/cm, \pm 0.01au/cm 0.1~1au/cm, \pm 10%
	Temperature	\pm 1 $^{\circ}$ C
Power supply	2 \times 1.5V AAA batteries	
Dimension	157 \times 37 \times 14mm	
Weight	68g	

COD TOC TDS 0.2 0.2 61 99 (Excellent)	COD TOC TDS 1.3 1.7 61 88 (Good)	COD TOC TDS 2.9 4.0 60 76 (Normal)	COD TOC TDS 10.8 15.4 30 33 (Poor)		
COD (mg/L)	TOC (mg/L)	TDS (ppm)	Colour	Score	Grade
0~0.75	0~1.25	0~250	blue	90~100	Excellent
0.75~1.5	1.25~2.5	250~500	green	80~90	Good
1.5~3	2.5~5	500~1000	yellow	60~80	Normal
3~7.5	5~12.5	1000~2000	red	0~60	Poor

water quality grade

STANDARD DELIVERY

Main unit	1pc
Pure water calibration cup	1pc