

Residual Chlorine Meter

Introduction:

Widely used for rapid residual chlorine detection in water quality across urban water supply, food and beverage, environmental protection, medical care, chemical, pharmaceutical, thermoelectric power, papermaking, aquaculture, bioengineering, fermentation processes, textile printing and dyeing, petrochemical, water treatment and other fields.



BKCL-222



BKCL-220

Features:

- * Main unit housing is made of molded ABS material, offering excellent anti-corrosion, waterproof and dustproof performance.
- * LCD display for convenient and intuitive operation.
- * Cold light / monochromatic light source with a narrow-band interference optical system ensures excellent optical stability.
- * Stores working curves and historical records; users can calibrate and standardize curves themselves.
- * One-key factory reset prevents loss or accidental deletion of curves(For BKCL-222).
- * Data power-off protection function.
- * USB interface for transferring data to a computer and saving it as files(For BKCL-222).
- * BKCL-222 uses a rechargeable lithium battery with standby time of over 6 months; BKCL-220 is powered by mains electricity.

Technical Parameters:

Model	BKCL-222	BKCL-220
Measuring Range	Free residual chlorine: 0~10.00mg/L	Residual chlorine: 0.02~10.00mg/L (Segmented: 0.02~2mg/L and 2~10mg/L)
Accuracy	≤±5% F.S.	
Repeatability	≤±2%	
Minimum Resolution	0.01mg/L	
Optical Stability	Absorbance drift <0.002A within 20min	
Light Source Life	100,000 hours	
Testing Standard	GB/T 5750.11-2023	
Curve Memory	Stores 250 factory curves, 749 user curves, and 9,999 measurement data records	Stores 150 factory curves, 20 user curves, and 1,000 measurement data records
Data Interface	Mini USB	\
Operating Conditions	(1)Ambient temperature: 5~40°C (2)Relative humidity: ≤85% (3) No significant vibration or electromagnetic interference; avoid direct sunlight	
Power Supply	Rechargeable lithium battery	AC 100~240V, 50/60Hz
Consumption	10W	15W
Standard Accessories	Portable case, residual chlorine reagent*1, colorimetric tube*3, tube rack*1, charging power adapter, USB cable, data acquisition and installation software	Colorimetric tube*3, reagent*1, power cord
Optional Accessories	Reagent, colorimetric tube (All proprietary; must be purchased from us)	
External Size(W*D*H)	Main unit: 88*230*52mm; Portable case: 457*370*188mm	270*200*130mm
Package Size(W*D*H)	410*330*240mm	410*330*240mm
Net Weight	Main unit: 0.5kg	1kg
Gross Weight	2.5kg	2.3kg

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