



**acniti**

LLC آکنی تی  
۹-۲-۱ نی وای دانی  
مین و اوزاکا  
۰۰۱۱-۵۶۲۳  
ژاپن

# Residual chlorine meter

The ECLG-35 Residual Chlorine Meter is a high-precision, reagent-free sensor designed for continuous monitoring of free residual chlorine in drinking water and industrial water systems. Utilizing a 3-electrode pulse voltammetry method, the ECLG-35 offers accurate and stable measurements without the use of chemical reagents, significantly reducing operational costs and environmental impact. The sensor features an advanced automatic cleaning system, combining bead flow and electrolytic cleaning to maintain consistent sensitivity and minimize drift over time. With a measuring range of 0.00–3.00 mg/L, high repeatability ( $\pm 2\%$  FS), and a fast response time ( $T_{90} \leq 1$  minute), the ECLG-35 ensures reliable chlorine control under varying water conditions. This unit is equipped with automatic temperature compensation and a built-in thermistor, ensuring stable performance across a wide pH and conductivity range. Installation is flexible: wall-mounting is standard, or optional pipe-mounting is available on  $\varnothing 40$  mm tubing. Ideal for use in water treatment plants, distribution networks, buildings, hospitals, hotels, and food or pharmaceutical industries, the ECLG-35 provides peace of mind in water safety and regulatory compliance — all while operating without consumables or complex maintenance procedures. If you need a durable, low-maintenance chlorine meter that delivers long-term accuracy and efficiency, the ECLG-35 is the wise choice.

# Residual chlorine meter

## Residual chlorine meter

- No need for chemicals ✓
- Measures only free residual ✓
- Automatic sensor cleaning ✓
- Wide measuring range ✓
- Excellent repeatability ✓
- Fast response ✓
- Robust installation options ✓

The ECLG-35 Residual Chlorine Meter is a high-precision, reagent-free sensor designed for continuous monitoring of free residual chlorine in drinking water and industrial water systems. Utilizing a 3-electrode pulse voltammetry method, the ECLG-35 provides accurate and stable measurements without the need for chemical reagents.

## Why choose the ECLG-35

The sensor features an advanced automatic cleaning system, combining bead flow and electrolytic cleaning to maintain consistent sensitivity and minimize drift over time. With a measuring range of 0.00–3.00 mg/L, high repeatability ( $\pm 2\%$  FS), and a fast response time ( $T_{90} \leq 1$  minute), the ECLG-35 ensures reliable chlorine control under varying water conditions.

This unit is equipped with automatic temperature compensation and a built-in thermistor, ensuring stable performance across a wide pH and conductivity range. Installation is flexible: wall-mounting is standard, or optional pipe-mounting on  $\varnothing 50$  mm tubing.

## Priority to safe, clean water

With reagent-free operation, built-in cleaning, and excellent measurement stability, the ECLG-35 ensures accurate, long-term chlorine control, eliminating the need for routine maintenance or consumables—ideal for utilities and facilities where a safe and clean water supply is a top priority.

The Residual Chlorine Meter ECLG-35 is ideal for use in water treatment plants, distribution networks, buildings, hospitals, hotels, and the food or pharmaceutical industries. The ECLG-35 provides peace of mind in water safety and regulatory compliance. All while operating without consumables or complex maintenance procedures.

## Typical Applications

- Drinking water production and distribution
- (On-site water supply (hospitals, schools, hotels
- Storage tanks and reservoirs
- (Industrial water disinfection (food, pharma
- Real-time quality monitoring without consumables

## Technical specifications

Details	Parameter
electrode pulse voltammetry-3	Measurement principle
(mg/L (free residual chlorine 3.00 - 0.00	Measuring range
(FS + 1 digit (3 mg/L range % $\pm 2$	Repeatability
FS + 1 digit % $\pm 5$	Linearity
(FS (zero), $\leq \pm 1.0\%$ FS/month (span % $\pm 1 \geq$	Zero/Span drift
minute 1 $\geq$	(Response time (T90
(Automatic (built-in thermistor	Temperature compensation
(V AC, 50/60 Hz (~20 VA 240-100	Power supply
pH: 5.8-8.6, Conductivity: 5-100 mS/m, Temp: 0-40 °C	Sample water conditions
Wall mount (standard), optional 50 mm pipe mount	Installation method
(C, RH $\leq 90\%$ (non-condensing ° 45 - 10 -	Operating temperature
C° 60 - 20 -	Storage temperature

If you need a durable, low-maintenance chlorine meter that delivers long-term accuracy and efficiency, the ECLG-35 is the wise choice

## ecli-۳۵

شرح	متری ک	امپری ال
۱ اسم مدل	ECLI-۳۵	ECLI-۳۵
۲ شماره مدل	ECLI-۳۵	
مایع	متری ک	امپری ال
۳ موج و دیت و اندازه صافی		
گاز	متری ک	امپری ال
۴ کیفی ت گاز		
۵ تذکر گاز		
اتصالات	متری ک	امپری ال
۶ ورودی آب		
۷ مجرای خروج آب		
۸ ورودی گاز		
ملاحظات		
۹ سایر اظهارات	<p>The main distinction between the ECLG-۳۵ and ECLI-۳۵ lies in their display resolution and measurement precision ✓</p> <p>Measurement Range: ۰~۳mg/L ✓</p> <p>Display Resolution: Lower precision with ۰.۱mg/L minimum display increment (displays to tenths) ✓</p> <p>Display Resolution: Lower precision with ۰.۱mg/L minimum display increment (displays to tenths)</p> <p>The ECLI-۳۵ is more economical than the ECGI-۳۵ ✓</p>	

## eclg-۳۵

شرح	متری ک	امپری ال
۱ اسم مدل	ECLG-۳۵	ECLG-۳۵
۲ شماره مدل	ECLG-۳۵	
مایع	متری ک	امپری ال
۳ موج و دیت و اندازه صافی		
گاز	متری ک	امپری ال
۴ کیفی ت گاز		
۵ تذکر گاز		
اتصالات	متری ک	امپری ال
۶ ورودی آب		
۷ مجرای خروج آب		
۸ ورودی گاز		
ملاحظات		
۹ سایر اظهارات	The main distinction between the ECLG-۳۵ and ECLI-۳۵ lies in their display resolution and measurement precision ✓	
	Measurement Range: ۰.۰۰~۳.۰۰ mg/L ✓	
	Display Resolution: Higher precision with ۰.۰۱ mg/L (increments displays to hundredths) ✓	
	The ECGI-۳۵ is more expensive than the ECLI-۳۵ ✓	