



GE-137

Residual Chlorine Analyzer Monitor Meter

Applications:

- * Water Disinfection & Drinking Water system
- * Cooling tower chlorine monitoring and control
- * Swimming pool chlorination control,
- * Continuous chlorine monitoring
- * Water treatment plant residual chlorine control
- * Secondary chlorination free chlorine control
- * Distribution monitoring for total residual chlorine
- * Seawater chlorination control & monitor
- * Chlorine monitor in seawater

Instrument Features:

- * 2 Electrode for Chlorine and PH,
- * Flexibility, reliability and low maintenance
- * PH & Temperature compensation
- * 2 alarm relay
- * 128*64 Large LCD display
- * RS485//RS232 Communication Interface Optional
- * Menu operation mode & Password protection

Technology Features :

- (1) Measuring range:
 - * 0.0 mg/L ~ 2.0mg/L; 0.0 mg/L ~ 5.0mg/L;
 - 0.0 mg/L ~ 10.0mg/L; 0.0 mg/L ~ 20.0mg/L;
 - * Temperature: -5C ~ 60.0C
- (2) Resolution:

- * Residual Chlorine: 0.001mg/L
- * Temperature: 0.1C
- (3) The basic error:
 - * Residual Chlorine: $\pm 1.0\%$ FS;
 - * Temperature: $\pm 0.3C$
- (4) The automatic PH compensation range:
 - * PH5.0 ~ PH9.0;
- (5) The remain signal of electrode: $< 1\%$;
- (6) Response time(90% final): < 90 seconds;
- (7) Current output:
 - 0~10mA (load resistance $< 1.5K \Omega$);
 - 4~20mA (load resistance $< 750 \Omega$);
- (8) Two group of alarm relay:
 - 3A 240VAC, 6A 28VDC 或 120VAC;
- (9) power supply:
 - 220VAC $\pm 10\%$, 50 ± 1 Hz,
 - power consumption $\leq 3W$;
 - 12V/24VDC, power consumption: $\leq 1W$;
- (11) The dimension:
 - 96(length) \times 96(width) \times 130(depth)mm;
- (12) Installation way: panel installation;
The tapping size of electronic unit:
91 \times 91mm;
- (13) Optional features optional 1 :
RS485//RS232 Communication Interface;
- (14) The electronic unit weight: 0.6kg;
- (15) Operating conditions :
Ambient temperature : $-10 \sim 60^{\circ}C$;
Relative humidity: no bigger than 90% ;
There are no corrosive gas around;



Chlorine Electrode



PH Electrode



Flow Through Cell with Double Electrode

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