



The Solution for Smart Water Management

Aqua2000

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Aqua2000-5x

Smart Water Quality Analyzer

Smart
Water City



Multi-parameter Monitoring System



Specifications of **Aqua2000-5x**

Display : 7-inch TFT-LCD (5 parameters display)

Measuring Parameters: Turbidity, Chlorine, pH, Conductivity, Water Temp.

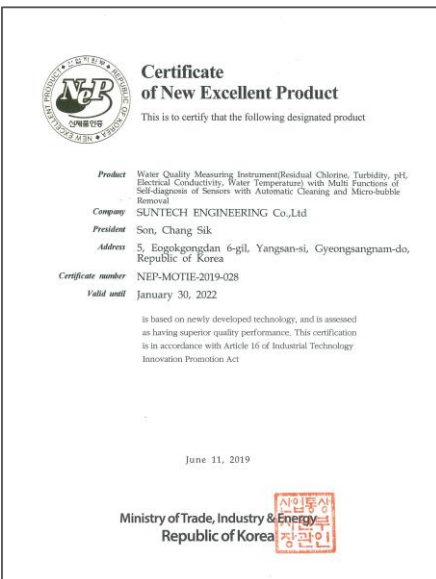
Enclosure: NEMA 4X/IP66 ALUMINUM

Size: 260mm(W) x 400mm(H) x 225mm(D)

Power : AC100 ~ 240VAC, 50/60Hz

Power Consumption: Max 34W (Full Operation)

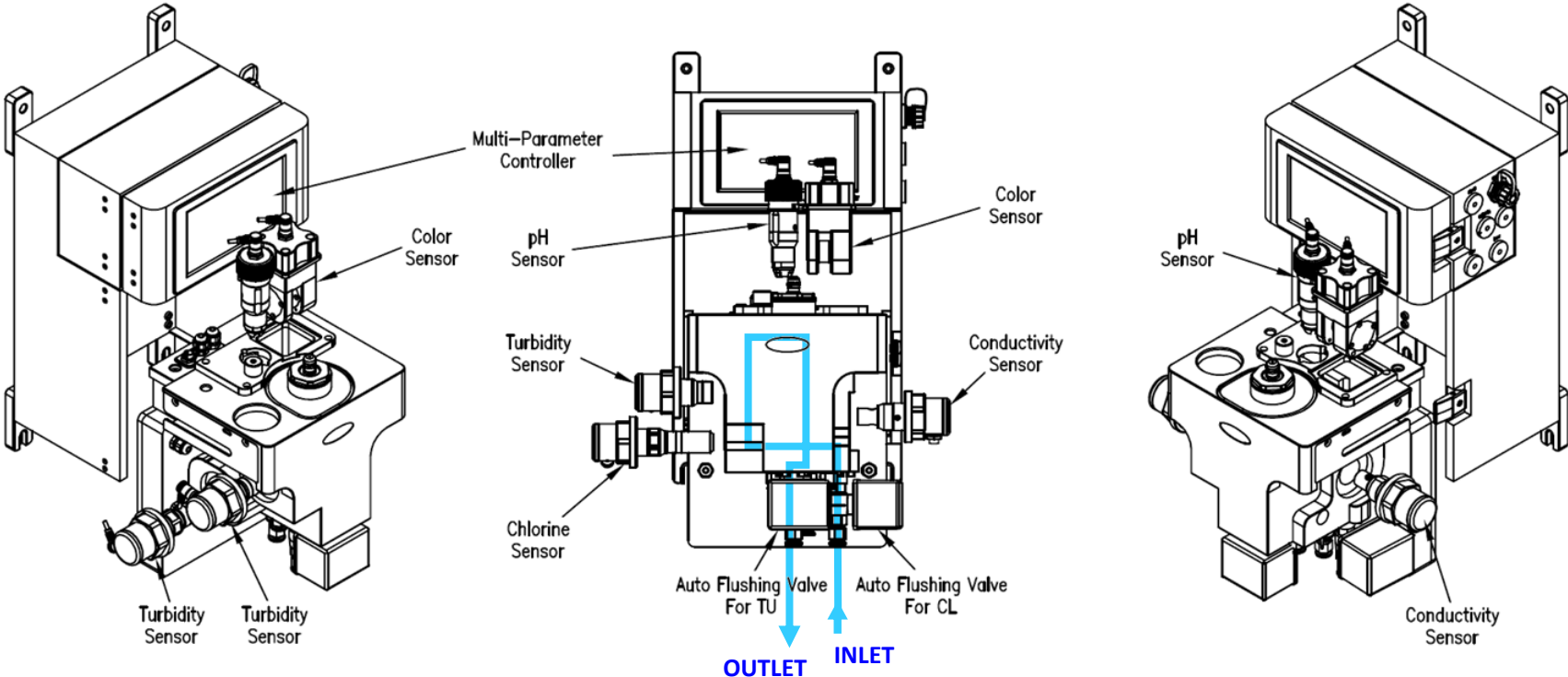
Sample Flow : 200 to 1500mL/min



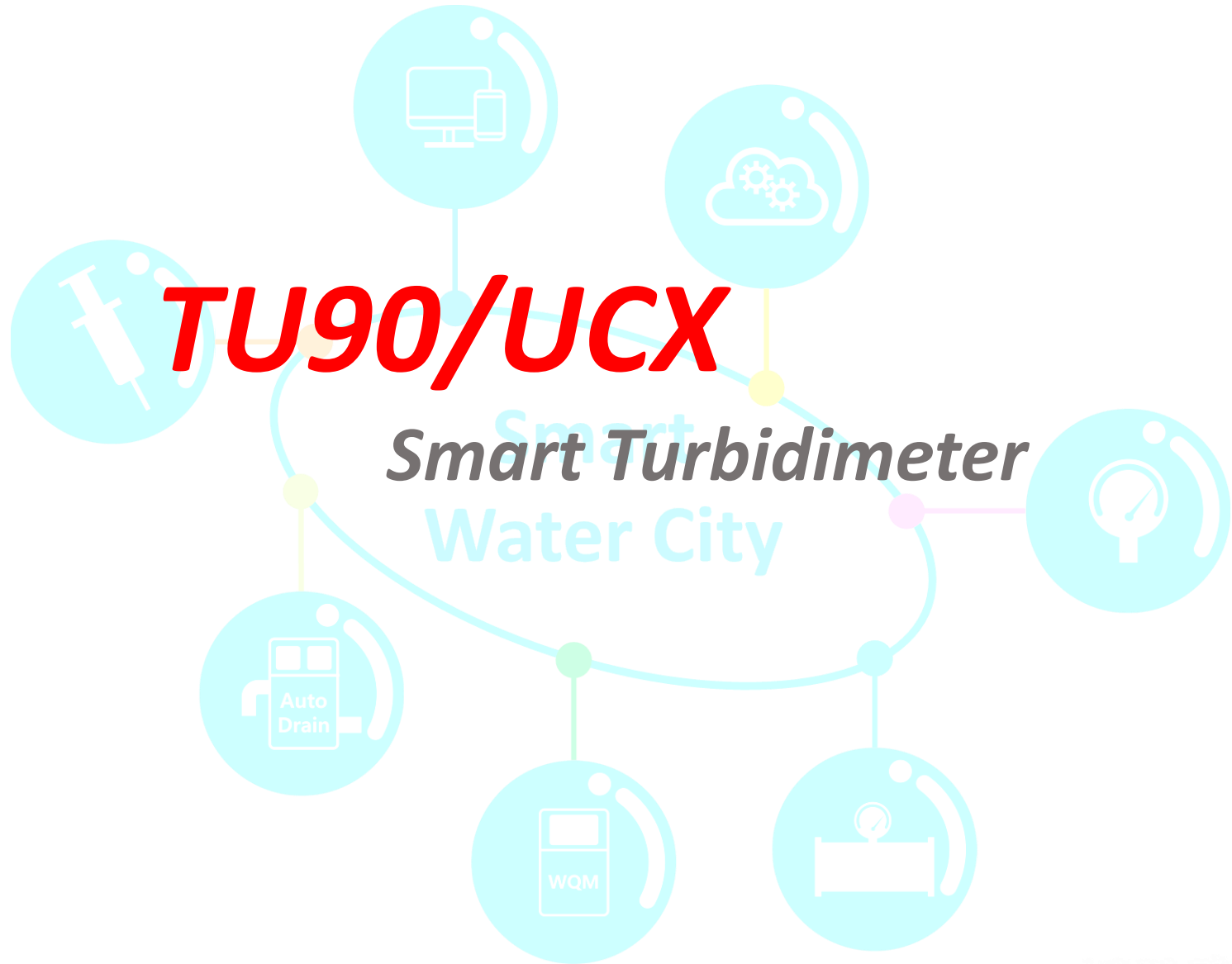
Superior Technology

- All-in-One system: Monitoring & Control (5 parameters)
- Optimized sample flow system: One-path, natural flow system
- Innovative compact size: A3 size
- Intelligent operation:
 - Auto Diagnostics & Cleaning
 - Remote Diagnostics & Cleaning

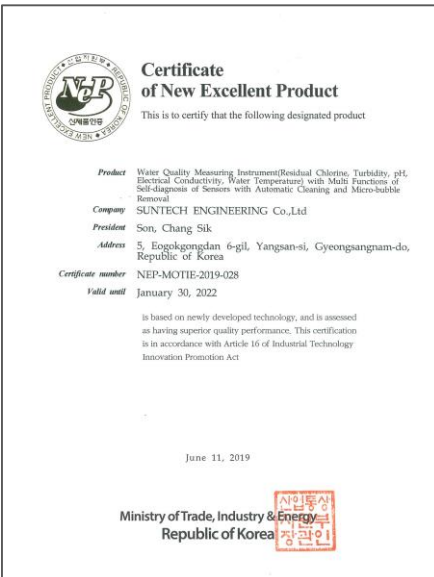
Innovation of 5xc



Reduce Installation Space!
Reduce Installation and Maintenance Cost!
Convenient Operation and Maintenance!



Smart Turbidimeter



Specifications of **TU90/UCX**

90° Scattering Light Method (EPA Method 180.1)

Measurement Range: 0 to 2/10/200 NTU

Resolution: 0.0001 NTU

Accuracy: ±2% of reading or ±0.015 NTU

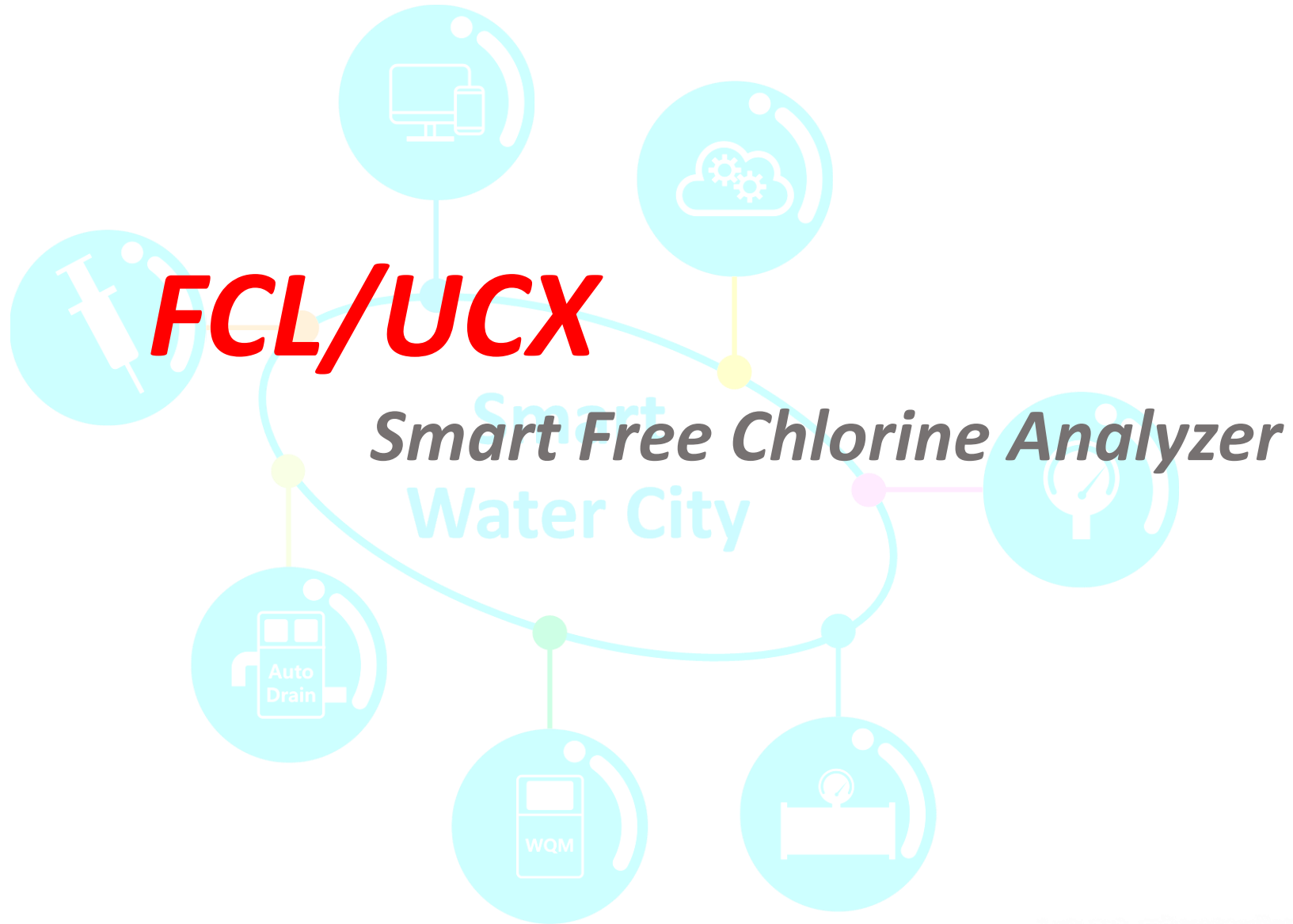
Reproducibility: ±1%

Measurement Units: Turbidity(NTU), Temperature(°C, °F)

Response Time: Within 45 seconds

Superior Technology

- 5 Step High Efficient De-bubble Technology
- Fast Response Time: 45sec, 90% reach
- Intelligent operation:
 - Auto Diagnostics & Cleaning
 - Diagnostics & Cleaning



Smart Free Chlorine Analyzer



Specifications of **FCL/UCX**

Amperometric (EPA Method 334)

Measurement Range: 0 to 2/20 mg/L

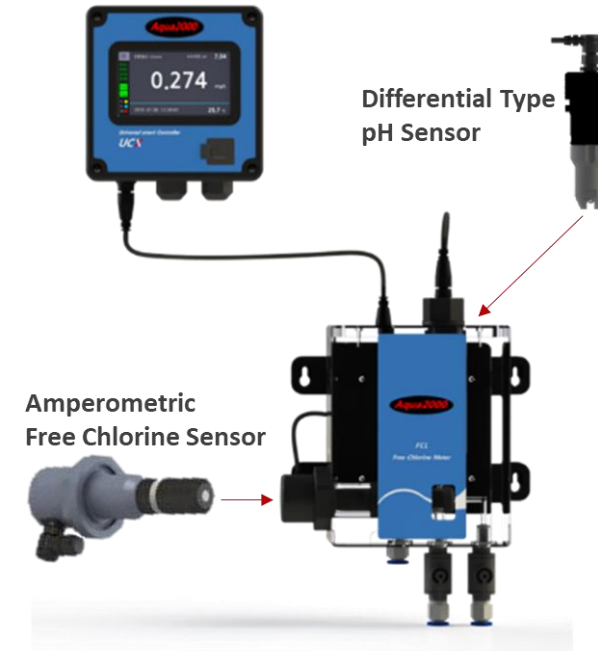
Resolution: 0.001 mg/L

Accuracy: ± 0.01 mg/L

Reproducibility: $\pm 1\%$

Measurement Units: Residual Chlorine (mg/L, ppm),
pH, Temperature($^{\circ}$ C, $^{\circ}$ F)

Response Time: Within 90 seconds

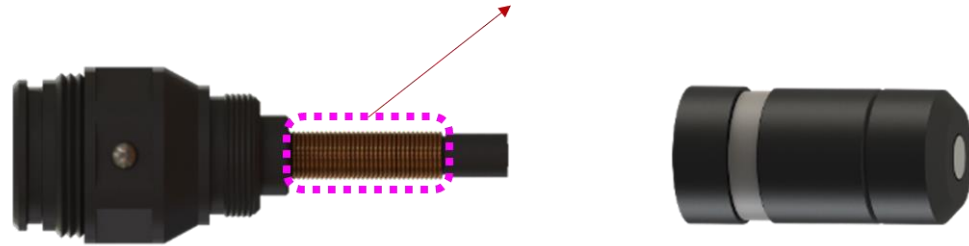
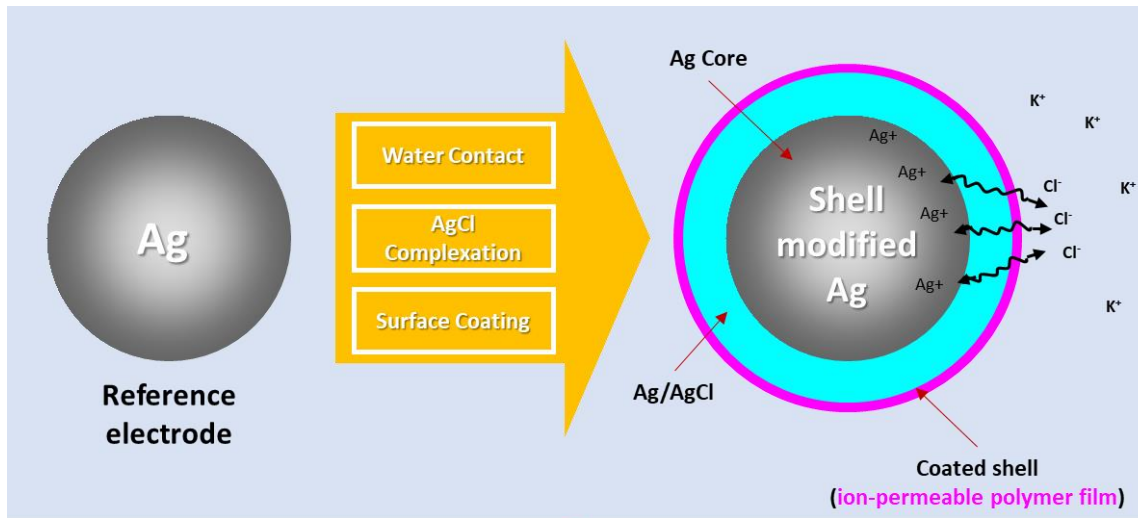


Superior Technology

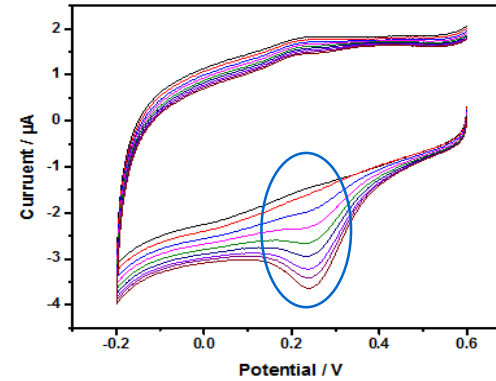
- Ion-permeable polymer coating technology
 - Improve accuracy
 - Fast response time: 90sec, 90% reach
 - Fast polarization time: 30min, 90% reach
- Intelligent operation:
 - Auto Diagnostics & Cleaning
 - Diagnostics

Advanced Technology for Free Chlorine Sensor

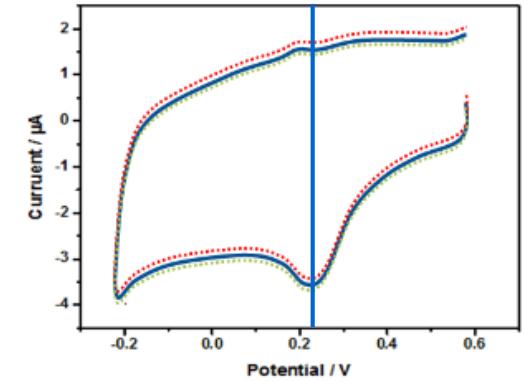
- ion-permeable polymer film coating technology on the Reference cell



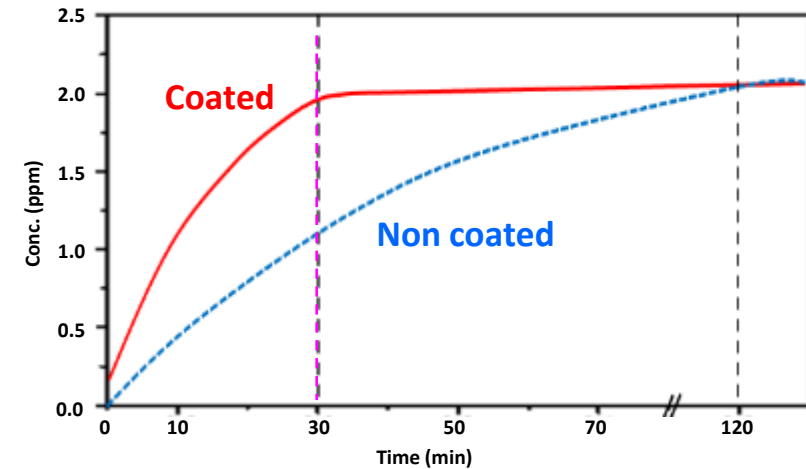
Accuracy



Precision



Polarization Time within 30min





Thank you