

BOQU YCL-3100 Sample Filtration Systems is a pretreatment equipment applied to surface water, sewage and other water sample containing high suspended solid, sludge. After precipitation, mixing and homogenization, the water sample will be transported to COD, Ammonia nitrogen, Total phosphorus, Total nitrogen and other online water quality analyzer according to the procedure after passing through the sampling cup, and the online water quality analyzer can be triggered to start the measurement. The system is equipped with automatic cleaning function. After completing a sampling process, the pipeline, water cup and sedimentation tank can be cleaned by external clean water.

Technical Specification

- Two sampling modes, which can be triggered externally or sampled periodically
- Self-cleaning function, the system will be cleaned after the measurement is completed
- adopts ultrafiltration technology with high filtration precision, it can filter 0.15 μ m particles;
- A stirrer is built into the water cup to ensure the full mixing
- High permeate quality ceramic filter element
- Removable, low maintenance and auto-clean function
- With alarm reminder, and synchronously display the current state
- works reliably for a high sludge volume index or floating sludge.

Technical specification

- 1) Environmental requirements:
indoor with adjustable temperature,
the recommended temperature is +5 ~ 28 °C;
Humidity \leq 90% (no condensation);
- 2) Power supply: AC220 \pm 10%V, 50 \pm 10% Hz, 5 A;
- 3) Size: 1570 \times 500 \times 450 mm ;(high \times wide \times deep)
- 4) Maintenance cycle: one month, about 30min each time;
- 5) Output: switching value output

Typical applications

Pretreatment of surface water, industrial wastewater and municipal wastewater with online instruments



YCL-3100 Sample Filtration System mainly work with below Online Water Quality Analyzer

Item	Product	Model	Range(mg/L,ppm)
1	Online COD Analyzer	CODG-3000	5-15000
2	Online Ammonia nitrogen Analyzer	NHNG-3010	0.0~1500.0
3	Online Total nitrogen Analyzer	TNG-3020	0-500.0
4	Online Total phosphorus Analyzer	TPG-3030	0-500.0
5	Online Total copper Analyzer	TCuG-3050	0~10.0
6	Online Total nickel Analyzer	TNiG-3051	0.00~10.00
7	Online Hexavalent chromium Analyzer	GeG-3052	0.00-10.00
8	Online Total chromium Analyzer	TGeG-3053	0.00-3.00
9	Online Total lead Analyzer	TPbG-3055	0.00-3.00
10	Online Total zinc Analyzer	TZnG-3056	0.00-3.00
11	Online Total arsenic Online Analyzer	TAsG-3057	0.00-3.00
12	Online Fluoride Analyzer	TFG-3058	0.00~50
13	Online Total Cadmium Analyzer	TCdG-3059	0.00-3.00
14	Online Total iron Analyzer	TFeG-3060	0.00-5.00
15	Online Total manganese Analyzer	TMnG-3061	0.00-5.00
16	Online Nitrate nitrogen Analyzer	TNO3G-3062	0.0~500
17	Online BOD Analyzer	BODG-3063	0-15000

Note: please contact email: michael@shboqu.com if range is not this table.