

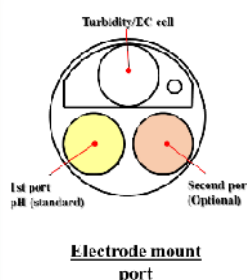
Portable Multi-Item Water Quality Meter WQC-40

We are pleased to announce our new Portable Multi-Item Water Quality Meter WQC-40 launched in September. The product is improved the attractiveness of functions and performances based on current WQC-24.

The product is targeting the market of mid-low range multi-item water quality meter and monitoring usage where more digital communications are required.

Key Selling Points

1. Simultaneous measurement of up to 9 items at a depth of 100m
pH, EC, TDS, Salt, Sea water relative density, Turbidity, Temperature, ORP, ion,
water depth, dissolved oxygen



Part 1
pH (standard)
ORP
F⁻
Cl⁻
NO₃⁻
Ca²⁺
K⁺
NH₄⁺

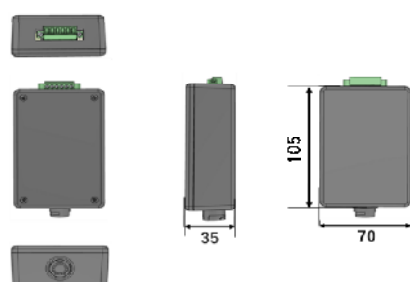
Second port (Optional)
pH
DO
ORP
F⁻
Cl⁻
NO₃⁻
Ca²⁺
K⁺
NH₄⁺

2. 6 ion electrodes selectable: F⁻, Cl⁻, K⁺, Ca²⁺, NO₃⁻, NH₄⁺
3. 2 electrode ports are selectable: "Multiport" for various measurement items.
Various combinations of measurement items are possible.
The communication standard is Modbus. An optional Modbus power box is available.

Modbus Power Box



■ Dimensions

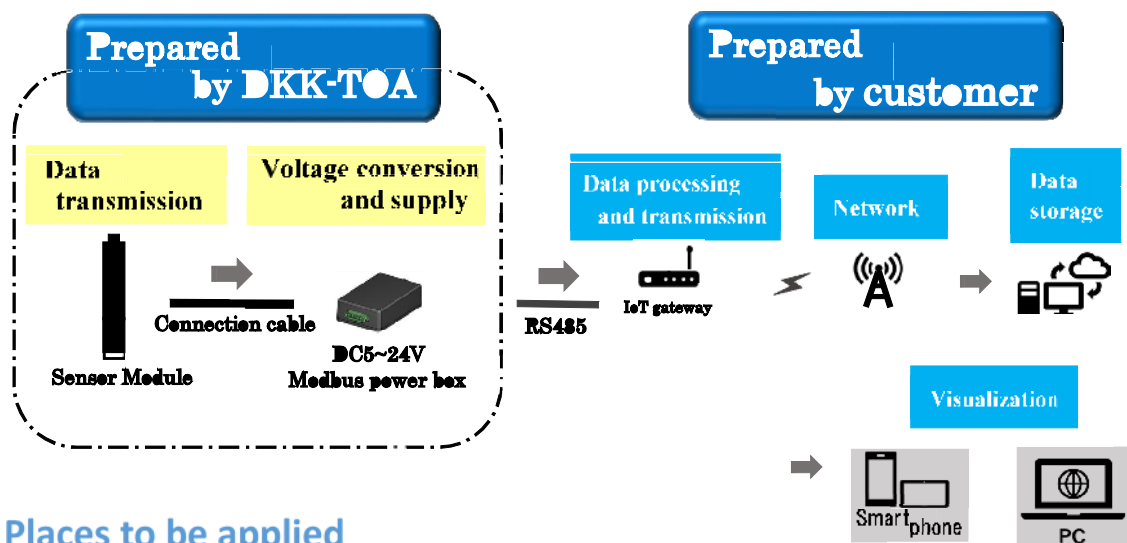


Input voltage	5~24VDC
Associated Press	2 wire RS 485 Modbus RTU
Power supply	DC5-24V (ripple content 10%p-p or less)
Power consumption	Approx. 0.7VA
Connection Connector	• WMS-40 side • Dedicated connector • RS-485/power • MC1.5/6-STF-3.81 (PHOENIX CONTACT) Equivalent - Wire size AWG16 to 28
External Dimensions	Approx. 70 (W) × 35 (H) × 105 (D)
Mass	Approx. 110g
Temperature and humidity range guaranteed for performance	0~55°C 10~90%RH (no condensation)
Operating atmosphere	No corrosive gas

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4. Achieved 1.5 times longer battery life.
 - a. Continuous measurement time in case of Main body + Sensor module
 - WQC-40 : Approx. 70 hours
 - WQC-24 : Approx. 40 hours
 - b. Continuous measurement time in case of Sensor module only
 - WQC-40 : Approx. 53 days at 10-minute intervals (5040 data)
 - WQC-24 : Approx. 35 days at 10-minute intervals (3360 data)
5. Adaption of the P Series functions
 - LCD backlight
 - Portability and operability improved from WQC-24
 - Protective cover available as standard accessory

Application Example



Places to be applied

