RC400G-2
Residual Chlorine Analyzer
(for raw water with one cylinder sand filter)

Standard solution inlet
Rc1/4 (female)

Reagent inlet
Rc1/4 (female)

Air purge inlet
Rc1/4 (female)

4-ø15 holes
for anchor bolt

Maintenance space
Approx. 200

530

Maintenance space
Approx. 200

Stand

Front

Approx. 500

Maintenance space

Cross section A-A

Converter
(CON)

Air pump (*3)
(AP)

Detector
(CELL)

Power terminal box (*1)

Meas. / Std. solution
switching valve
(V5)

Activated charcoal filter
(F11) (*2)

Ball valve (V6)

Strainer (S1)

4-ø15 holes
for anchor bolt

Unit: mm

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Weight: Approx. 70 kg

(*1) Option / ARS applies to model with arrestors
(*2) Option /AZC applies to model with auto zero calibration
(*3) Option / AP applies to model with air purge pump

Unless otherwise specified, differences in the dimensions are specified as: General tolerance = ± (Criteria of tolerance class IT18 in JIS B0401) / 2.
Wiring Diagram

- RC400G-2/ARS/AZC

Converter (CON)  Dedicated cable K9332WA  
F1  Bk  
F2  
M1  W  
M2  RE  
O1  T1  Bw  
O2  T2  Gn  
G  Rd  
C1  C2  
ME  
RE  
T1  
T2  
Terminal  
screw  
C1  C2  

Fail contact output  Maintenance contact output  
(Wired by customer)  Range switching output  
Remote range switching input  

Dedicated cable K9332WB  Pump (PU)  
P1  Bk  
P2  W  
G  G  

Power terminal box (*2)  Analog output  
AR2x2  
S  +  
G  -  
G  L2  L1  
2  1  
AR1  

Dedicated cable K9332WC  Solenoid valve (SV1)  
B1  Bk  
B2  W  
1  2  

Dedicated cable K9332WD  Solenoid valve (SV2)  
J1  Bk  
J2  W  
1  2  

Dedicated cable K9460CN  
V1  
V2  

Dedicated cable K9332WJ  Air pump (option) (AP) (*3)  
A1  Bk  
A2  W  

* Case ground terminal must be grounded. If this is not possible connect to power source ground wire. 
AR1,2 : Arrestors  CB1 : Circuit breaker  
(Nota)  Dotted lines : external wiring  
Use cable of 6 to 12 mm OD, however when connecting via power terminal box option use cable of 9 to 11 mm OD for both power and analog output cables.  
(*1) Option /AZC applies to auto zero calibration  
(*2) Option /ARS applies to version with arrestor  
(*3) Option /AP applies to version with air purge pump  

(T17.EPS)
Piping Diagram

- RC400G-2

Tubing materials:

- ø6 x ø4 polyethylene tube
- ø8 x ø6 polyethylene tube
- ø22 x ø15 braided wire reinforced soft PVC tube
- ø33 x ø25 braided wire reinforced soft PVC tube
- VP16 pipe
- VP40 pipe

* option

Measuring sample (VP16)
Pressure reducing valve
Tap water (VP16)
Standard solution (Rc1/4)
Reagent (Rc1/4)
Air (Rc1/4)

Air pump

Drain (VP40)

Converter

CELL Measuring tank

PU Metering pump

Sand filter

Ball valve

Solenoid valve

Strainer

F1_4_2E.ai

Vat
**RC400G-2/AZC with auto zero calibration**

**Tubing materials**

- ø6 x ø4 polyethylene tube
- ø8 x ø6 polyethylene tube
- ø22 x ø15 braided wire reinforced soft PVC tube
- ø33 x ø25 braided wire reinforced soft PVC tube
- VP16 pipe
- VP40 pipe
- * option

**Measurement (VP16)**

- Pressure reducing valve
- Tap water (VP16)
- Standard solution (Rc1/4)
- Reagent (Rc1/4)
- Air (Rc1/4)
- Drain (VP40)

**Measuring tank**

- Ball valve
- Solenoid valve
- 3-way solenoid valve
- Metering pump
- VP16 pipe
- VP40 pipe

**Converter**

- Sand filter
- Activated charcoal filter
- Strainer
- Pressure reducing valve
- Ball valve
- Solenoid valve
- 3-way solenoid valve
- Measuring tank
- Metering pump

**Diagram labels**

- Measuring sample inlet
- VR16 pipe
- Drain (VP40)
- For air purge inlet
- Standard solution inlet
- Reagent inlet
- Measuring sample inlet

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