

Orion 012210 Conductivity Cell Instruction Sheet

Cleaning

1. Water-soluble contaminations can be removed by rinsing with distilled water.
2. Other contaminants:

Contaminant	Cleaning Solution	Time Period
Lubricants/Oil	Warm water and household cleaning solution	Variable depending on contaminant build-up
Lime or Hydroxide Solution	Acetic acid (10%)	Variable depending on contaminant build-up

Aging of the Orion 012210 Conductivity Cell

Normally, the conductivity cell doesn't age. Special measuring media (e.g., hydrofluoric acid) or excessively high temperatures shorten the lifetime. The cell is not guaranteed against failures caused by the measuring-media and/or mechanical damage.

Specifications

Modes	Conductivity, temperature
Measuring principle:	4-electrode. No polarization effect
Temp. range:	-5 to + 90 °C
Response time:	t ₉₉ < 12 sec.
Cell constant:	0.609 / cm ± 1.5%
Min. immersion depth:	40 mm
Shaft length:	120 mm
Shaft diameter:	21 mm
Cable length:	3 m
Material:	
Shaft	Epoxy
Electrodes	Graphite
Temp. sensor	Steel VA 1.4571
Storage	Air

Environmental Instruments
Water Analysis

For updated contact information,
visit www.thermo.com

North America
166 Cummings Center
Beverly, MA 01915 USA
Tel: 978-232-6000
Dom. Fax: 978-232-6015
Int'l. Fax: 978-232-6031

Europe
12-16 Sedgeway Business Park
Witchford, Cambridgeshire
England, CB6 2HY
Tel: 44-1353-666111
Fax: 44-1353-666001

Far East
Rm 1205 China Resources Bldg.
26 Harbour Road
Wanchai, Hong Kong
Tel: (852) 2885-4613
fax: (852) 2567-4447

Customer Support
Toll Free: 800-225-1480
www.thermo.com
e-mail: info.water@thermo.com