

Technical data

Clark (polarographic) technology is widely used in dissolved oxygen measurements due to its low cost, it is widely used in water quality monitoring and fishery and aquaculture and other industries.

Electrode including:

- ※ Electrode
- ※ Dissolved oxygen film cap (2 pcs)
- ※ DO electrolyte (1 bottle)
- ※ Cover(1 pcs)

Preparations before use:

1. Unscrew the oxygen membrane cap assembly from the electrode column.
2. Rinse/wash the internal cathode / anode part with distilled water, and then dry with a clean cloth.
3. Fill in the dissolved oxygen membrane cap parts with fluid, and to join the electrode comes with the filling fluid, and then rotate the electrolyte membrane cap which is filled with electrolyte on the electrode column. During assembly, it is normal phenomenon if some of the solution filling the thread overflows. Try to tighten the membrane cap but not too hard to ensure that it is tightly connected to the cylinder,
4. Observe the dissolved oxygen membrane, to ensure that the cathode part of the cathode has been connected with the dissolved oxygen membrane. Note: dissolve Oxygen membrane must be taut, any folds or damage is not allowed.
5. Rinse the shell of the assembled electrode with distilled water, directly put into the cover and tighten for use.

Note: Polarization is required for the first use or after membrane changed, and the polarization takes about 15 minutes.

**innoSens 420 DO electrode**

Measuring Range:	0 - 20.00ppm / 0 - 200%
Operating temperature:	0 - 60 °C
Pressure:	< 4bar
Connection	PG13.5
Cable:	5 m
Protection class	IP68

**PA-100 electrode holder**

Material	CPVC
Thread:	3/4" NPT

For use together with innoSens 420 electrodes

Ordering Guide

Order No.	Type	Descriptions
35-0420-00	innoSens 420	Polarographic DO electrode
50-0110-10	PA-110	Electrode holder