

Operating Instructions for Lab pH Electrode LE409

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Subject to technical changes and to the availability
of the accessories supplied with the instruments.

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1. When unpacking, check electrode for possible mechanical damage to the membrane, the diaphragm or the body. Electrodes subject to complaints must be returned to our agent in the original box indication the invoice number.
2. Take off watering cap and rinse electrode with distilled water. After rinsing with distilled water, wipe the electrode with a tissue. Do not rub as an increase of the response time might result.
3. Turn sealing cover to ensure electrode inside pressure equilibrium with the atmosphere.
4. Eliminate any air bubbles inside the membrane space of the measuring electrode by smoothly swinging the unit in the vertical plane. The lead-off element of glass electrode must dip into the inner buffer solution without any air bubbles.
5. To renew a dried out glass membrane, soak it for several hours in the appropriate storage solution. It is recommended to store glass electrodes, combined and reference electrodes in the reference electrolyte solution.
6. After a long and dry storage period, the glass membrane can be activated with hydrofluoric acid(code No.51350104):

dip the electrode membrane in this solution for 1min, followed by rinsing with distilled water and soaking for 12 hours in the storage solution.

7. Check level of electrolyte which should be approx.10mm below refilling aperture. Refill with 3M KCl+AgCl (order No. 51350074)

Order No.

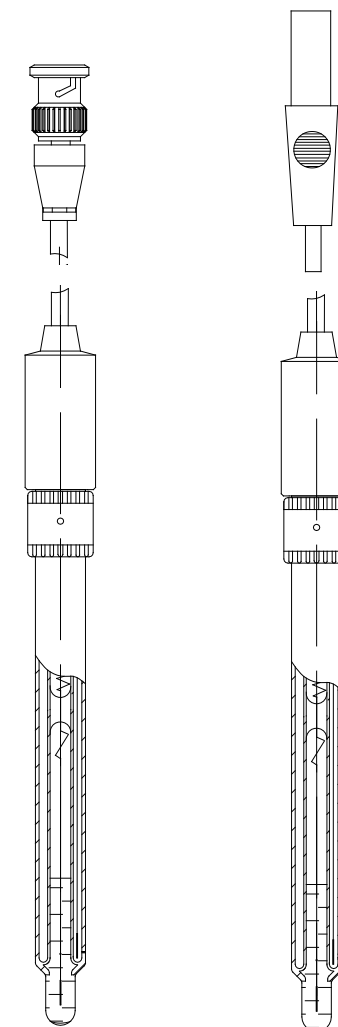
51340331	LE409
51340343	LE409-DIN

Specifications

pH range:	0-14pH
Temperature range:	0-80°C
Type of junction:	Ceramic
Cable:	1m
Connector:	
BNC	LE409
DIN	LE409-DIN
Shaft length:	120mm
Shaft diameter:	12mm

Storage

short term: 3M KCl (order No. 51350072), buffer pH 4 or 7
long term: 3M KCl (order No. 51350072) in watering cap



LE409

LE409-DIN