PH composite electrode manual

A. Purpose

The electrode is made of PH glass electrode and a silver/silver chloride reference electrode composition, the PH measuring elements which is used to measure water solution PH value.

B. Type and main technical parameters

Electrode type	range	temperature	Zero point	Alkali deviation	PTS	Response time	Internal resistance	Repeat ability	Noise
	PH	℃	PH	mV		min	MΩ		mV
65-1	0-14	0-80	7±1	<15	>98	<2	<250	<0.017	
BX-5	0-14	0-80	7X±11	<15	>98	<2	<250	<0.017	
E-201	0-14	0-80	7±0.5	<15	>98	<2	<250	<0.017	<0.5
E-201-C	0-14	0-80	7X±0.5	<15	>98	<2	<250	<0.017	<0.5
95-1	0-14	0-80	7X±0.5	<15	>98	<2	<250	<0.017	<0.5
E-900	0-14	0-80	7X±0.5	<15	>98	<2	<250	<0.017	<0.5

C. Precautions

1. The electrode used for the first or long set without re-use, the electrode bulb and the sand core, immersed in the 3NKCL solution activated eight hours.
2. The electrode plug should be kept clean and dry.
3. Electrode reference solution is the 3NKCL solution.
4. Measurement should be avoided staggered pollution between solutions, so as not to affect the accuracy of measurement.
5. Electrode blub or sand core is defiled which will make PTS decline, slow response. So, it should be based on the characteristics of the pollutant, adapted to the cleaning solution, the electrode performance recovery.
6. The electrode should not be long-term immersed in acid chloride solution.
7. Electrode when in use, the ceramic sand core and liquid outlet rubber ring should be removed, in order to make salt bridge solution to maintain a certain velocity.