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SMARTOXY

pH Probe calibration manual



1.1) pH Probe

pH probe measure also the temperature of water and it is suitable for al types of water: natual or process water.

Features and advantages:

- Reliable measurements of pH due to digital electronics and automatics temperature compensation.
- Maximum pressure 11bar
- Working temperature 0-100°C
- Measure range 0-14 pH
- Resolution 0.01 pH
- Accuracy ±0.05 pH
- Repetibility ±0.05 pH
- pH Response time 4..7 < 30s
- Temperature resolution 0.1°C
- Temperature accuracy ±0.5°C

During long inactivity mantain probe head dry, possibly with ph 4 solution, to avoid drying of detection membrane.

1.2) pH Probe Calibration

ph Probe allows 2 point calibration, therefore is necessary to have two buffer solution at fix pH value. To right complete the operation is needed to execute calibration for both point.

With multi-parametric probe scroll down with arrow (10) until to show measured pH value on the screen.

Push menu button (7), scroll with arrow (10) and choose **calibration**. Select with arrow buttons **first point** and push *memory/ok* (8) to continue, using arrow button insert buffer solution pH value where the sensor is put, push *memory/ok* (8) to calibrate. Repeat the operation choosing **second point.**

ATTENTION: Before to start calibration, put the probe into buffer solution and wait almost 30 second to stabylize the value.