

Precision Combination pH Electrodes

Advances in the pH electrode's internal chemistry, combined with innovative construction techniques, have produced an electrode of exceptional accuracy, speed and stability.

The model 6000 electrodes are designed for accurate pH measurement of samples with differing or changing temperatures.

Used in conjunction with your pH meter's automatic temperature compensator, the electrode rapidly comes to thermal equilibrium and eliminates errors due to the slow thermal hysteresis of a standards pH electrode.

± 0.01

Accuracy at constant temperature

± 0.03pH

Accuracy maintained as sample temperature fluctuates between 25⁰ – 85⁰C.

5 Second

Response time for greater than 99% of signal response. (Model No. LX6100 between 4.01 and 7.00 buffer, 25⁰C

PERFORMANCE SPECIFICATIONS

pH RANGE

0-14 pH
G-10 Bulb Glass
Na⁺ error : 0.2 pH at 14 pH with 1.0 M Na⁺

ACCURACY

± 0.01 pH unit at constant Temperature
± 0.03 pH unit if sample Temperature fluctuates between 25⁰ and 85⁰ C

TEMPERATURE RANGE

-5 TO 105⁰ c

DRIFT

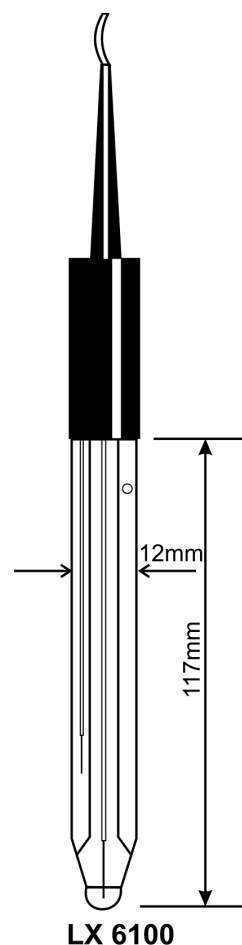
0.002 pH / 24 hours

SLOPE

96 – 100% Theoretical

RESPONSE TIME

5 Seconds for 99% of signal at Constant temperature (25⁰C)



LX 6100

Note: Electrode reaches thermal equilibrium at new temperature within 45 seconds