



SPECIFICATION

pH RANGE	pH 0 TO 14 pH
SLOPE (pH 7 TO pH 4 BUFFER)	165 TO 180 mV (93 TO 102%) AT 25°C
OFFSET (IN pH 7 BUFFER)	0 mV ±25 mV AT 25°C
ACCURACY	± 0.03 pH UNIT
RESPONSE TIME	±0.1 pH UNIT IN 30 SECONDS AT 25°C
OPERATING TEMPERATURE RANGE	0 to 100°C
OPERATING PRESSURE RANGE	0 to 100 psi at 25°C
REFERENCE JUNCTION RESISTANCE	<50 KOHM AT 25°C
pH GLASS RESISTANCE	<250 MOHM AT 25°C
GLASS TYPE	GX-VD
SOLUTION GROUND TYPE TYPE	PT BAND
REFERENCE JUNCTION/TYPE	CERAMIC WICK/SEALED
REFERENCE INNER SOLUTION	4M KCL/AGCL (2IES-KCL)
REFERENCE OUTER SOLUTION	4M KCL (2IST-KCL)
TEMPERATURE COMPENSATION (T.C.)	PT100 Ω
pH/REF SHIPPING CAP	10ml SOAKER BOTTLE
SHIPPING CAP SOLUTION	4M KCL/pH 4 BUFFER (50/50)

QC PROCEDURES

SLOPE (pH 7 TO pH 4 BUFFER)	165 TO 180 mV (93 TO 102%) AT 25°C
OFFSET (IN pH 7 BUFFER)	0 mV ±25 mV AT 25°C
TEMPERATURE COMPENSATION (T.C.)	109 Ω ±10% AT 25°C
THERMAL SHOCK	25°C TO 90°C TO 25°C

BOXING INSTRUCTIONS

BOX LABEL: V-0POB-10H
 BOX TYPE: #44129002
 SLEEVE: #44009013
 INSTRUCTION: #4IM00140 & #4IM00141
 LABEL PLACEMENT: END OF BOX (RIGHT SIDE)

REVISION	DESCRIPTION	DATE	BY	APPROVAL
	V-0POB-10H	2/21/2018		 VLC V-0POB-10H COMBO pH&ORP, DJ
	VLC\pH&ORP\V-HPXX\V-0POB-10H	Drawn: <i>M.K.</i>		
	SPEC	Date: 2/21/2018		
		Appr:		
		Date:		
		Scale: 1:1		
		Mat's:		