



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	±0.1 pH unit
Reproducibility	±0.1 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 125 psi at 25°C
pH Glass Resistance	<200 Mohm at 25°C
Reference Junction Resistance	<50 Kohm at 25°C
pH Glass Type	GX-VD
Reference Junction/Type	Annular Ceramic/Sealed
Reference Inner Solution	4M KCl/AgCl, CMC (1C)
Reference Outer Solution	4M KCl, SPR (21STKCK)
Temperature Compensation (T.C.)	None
pH/Ref Shipping Cap	10ml Soaker Bottle
Shipping Cap Solution	4M KCl/pH 4 buffer (50/50)

QC PROCEDURE

Slope (pH 7 to pH 4 buffer)	165 to 180 mV Slope
Offset (in pH 7 buffer)	0 mV ±25 mV at 25°C
Temperature Compensator	None

Boxing Instruction

Box Label: V-0000-10H
 Box Type: CFB #44129002
 Sleeve: #44009013
 Instruction: VLC pH #41M00140
 Label Placement: End of Box (Left Side)

Revision	Description	Drawn: <i>wt, fka</i>	Date	By	Appr.
	All dimensions are in inches unless specified otherwise		Date: 5/08		
	V-0000-10H		Appr: Kurt		
	VL-PC\pH&ORP\V-0000-10H		Date: 5/10		
	Spec		Scale: N.T.S.		
			Mat's:		

VANLONDON Phoenix Co.	VL-PC V-0000-10H Combo pH, DJ, 110mm
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