

## SPECIFICATION


pH Range	pH 0 to 14 pH
Slope (pH 7 to pH buffer)	165 to 180 (93 to 102%) at 25°C
Offset (in pH 7 buffer)	0 mV $\pm$ 30 mV at 25°C
Accuracy	$\pm$ 0.03 pH unit
Operating Temperature Range	0 to 80°C
Operating Pressure Range	0 to 70 psi at 25°C
pH Glass Resistance	<500 Mohm at 25°C
Reference Junction Resistance	<50 Kohm at 25°C
pH Glass Type	GX-V Flat
Reference Junction/Type	Large Ceramic Junction
Reference Inner Solution	4M KCl AgCl (2IES-KCL)
Reference Outer Solution	4M KCl (2IST-KCL)
Temperature Compensation (T.C.)	N/A
pH/Ref Shipping Cap	Clear Vinyl Cap
Shipping Cap Solution	4M KCl/pH 4 Buffer (50/50)

## QC PROCEDURE

Slope (pH 7 to pH buffer)	165 to 180 (93 to 102%) at 25°C
Offset (in pH 7 buffer)	0 mV $\pm$ 30 mV at 25°C
Temperature Compensation (T.C.)	N/A
Thermal Shock	25°C to 70°C to 25°C

## BOXING INSTRUCTION

Box Label: #44004132  
Box Type: #44129002  
Sleeve: #44009013  
Instruction: #41M00140  
Label Placement: End of Box (Right Side)

Revision	Description	Date	By	Approval
	V-BV100-DL	Drawn: 2/10/2016	 <b>Van London Co.</b> VLC V-BV100-DL Combo pH, DJ, LCJ, Tuff TIP	
	VLC\pH&ORP\V-BXXX\V-BV100-DL	Date: 2/10/2016		
	Spec	Appr:		
		Date:		
		Scale: 1:1		
		Mat's: CPVC		