



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 ±25 mV at 25°C
Accuracy	±0.03 pH unit
Operating Temperature Range	0 to 100°C
Operating Pressure Range	0 to 125 psi at 25°C
pH Glass Resistance	<500 Mohm at 25°C
ORP Element Resistance	<100 Ω at 25°C
Reference Junction Resistance	<50 Kohm at 25°C
pH Glass Type	GX-VF
Solution Ground Type	Teflon Coated S.S.
Reference Junction/Type	Large Teflon Junction/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	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 ±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 INSTRUCTION

Box Label: V-516B-20BH
 Box Type: CFB #44129002
 Sleeve: #44009013
 Instruction: VLC pH #4M00140
 Label Placement: End of Box (Right Side)

Revision	Description	Date	By	Approval
	V-516B-20H	Drawn: M.Ah.		
	VLC pH&ORP\V-xxx\V-516B-20H	Date: 5/27/2016		
	Spec	Appr:		
		Date:		
		Scale: 1:1		
		Mat's: 8M Kynar/Teflon		

Van London Co
 VLC
 V-516B-20H
 Combo pH, DL, SG