

Vandagraph Ltd
VN202 Analyser
Quality Control

Serial Number:
Production Number:

<u>Initial Test of Board and calibration</u>	<u>Test of Board Prior to Sealing</u>
(01) Connect Variable Power supply and Set to 9V Test On / Off Button ☐	(08) Connect Variable Power supply and Set to 9V Test On / Off Button ☐
(02) Connect Micro Cal and Set to 00.0 Set VR1 to fully clockwise Calibrate Pot P1 So LCD reads 00.0 No Drift ☐	(09) Connect Micro Cal and Set to Zero Set VR1 to fully clockwise Calibrate Pot P1 So LCD reads 00.0 if required No drift ☐
(03) Set Micro Cal to 50 mV LCD displays Approx 150.0 Set VR1 so LCD displays 100.0 Set Micro Cal to 44.4 mV LCD Displays 88.8 ☐	(10) Set Micro Cal to 50 mV LCD displays Approx 150.0 Set VR1 so LCD displays 100.0 Set Micro Cal to 44.4 mV LCD Displays 88.8 ☐
(04) Set Micro Cal to 10.5 mV LCD Displays 21.0 ☐	(11) Set Micro Cal to 10.5 mV LCD Displays 21.0 ☐
(05) Set Micro Cal to Zero LCD Displays 0.00 ☐	(12) Set Micro Cal to Zero LCD Displays Zero ☐
(06) Reduce PSU until battery symbol just visible Voltage reads 7.2v +/- 0.5V LCD Drift <1.0 ☐	(13) Reduce PSU until battery symbol just visible Voltage reads 7.2V +/- 0.5V , LCD Drift < 1.0 ☐
(07) Auto Shut off test 2.45 - 3.15 minutes ☐	(14) Auto Shut off test 2.45 -3.15 minutes ☐
Signed: _____ Date: _____	(15) Current Test (Vn202 Off) < 100uA ☐ Signed: _____ Date: _____

<u>Final Test Before Dispatch</u>	<u>Fault Comments:</u>
(16) Insert Battery LCD reads 0.00 +/- 0.2 ☐	
Connect Micro Cal and Set to 50mV Calibrate VN202 to 100.0 Set Micro Cal to 44.4mV VN202 reads 88.8 +/- 0.2 ☐	
(18) Set Micro Cal to 10.5mV VN202 reads 21.0 +/- 0.2 ☐	
(19) Auto shut off 2.45 - 3.15 minutes ☐	
(20) Place S/N inside Battery Compartment ☐	
(21) Clean VN202 ready for dispatch ☐	
Signed: _____ Date: _____	