

Service Repair Sheet 69112

Contact Name	Rob Batchen
Company/ Hospital Name	Dive Supply Co LTD
Direct Phone	0066 76383 414
General Phone	0066 76383 414
Opera Account	CID22449
Email	sales.mgr@divesupply.com
Date Received	13/May/2025
Booked in By	Robert Connor

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Repair	Ref	S/N	Equipment Type	Under Warranty
SRN37854	7910110	03337	Oxygen Analyser VN202	Complete - Repaired Time :0 Hour(s)

The VN202 analyser has been tested. The sensor input connector has been cleaned. The unit is working as expected.

The supplied R-17VAN Oxygen sensor has been tested. The R-17VAN Oxygen sensor has been tested in air and Oxygen. The sensor is reading within specification.

The sensor cable has been replaced with SN:0003785.

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Repair	Ref	S/N	Equipment Type	Under Warranty
SRN37855	7910110	03283	Oxygen Analyser VN202	Complete - Repaired Time :0 Hour(s)

The VN202 analyser has been tested. The sensor input connector was very loosely connected. The connection has been resoldered.

The supplied sensor cable is in used condition but is working.

The supplied R-17VAN Oxygen sensor has been tested. The output in Oxygen was 46.1mV. The output in air was 9.1mV. The sensor is working within specification.

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Repair	Ref	S/N	Equipment Type	Under Warranty
SRN37856	7910110	03313	Oxygen Analyser VN202	Complete - Repaired Time :0 Hour(s)

The VN202 analyser has been tested. The unit is working as expected.

The supplied sensor cable is in used condition and is showing residue on the contacts. The contacts have been cleaned.

The supplied R-17VAN Oxygen sensor has been tested. The O ring on the flow diverter was not forming a adequate seal. The flow diverter has been replaced. The output in Oxygen was 56.5mV. The output in air was 12.0mV.

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Repair	Ref	S/N	Equipment Type	Under Warranty
SRN37857	7910110	03310	Oxygen Analyser VN202	Complete - Repaired Time :0 Hour(s)

The VN202 analyser has been tested. The unit is working as expected.

The supplied sensor cable is showing residue on the contacts. The contacts have been cleaned.

The supplied R-17VAN Oxygen sensor has been tested. The output in Oxygen was 56.3mV. The output in air was 12.1mV.

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Repair	Ref	S/N	Equipment Type	Under Warranty
SRN37858	7910110	03472	Oxygen Analyser VN202	Complete - Repaired Time :0 Hour(s)

The VN202 analyser has been tested. The reading is highly erratic. The contacts have been cleaned and the unit has been examined internally. The unit is now working as expected.

The supplied sensor cable is in good condition and is working as expected.

The supplied R-17VAN Oxygen sensor has been tested. The output in Oxygen was 53.4mV. The output in air was 11.4mV.

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Repair	Ref	S/N	Equipment Type	Under Warranty
SRN37859	7910110	03286	Oxygen Analyser VN202	Complete - Repaired Time :0 Hour(s)

The VN202 analyser has been tested. The unit powers up but is not reading the sensor. The wiring harness has been replaced. The unit now works as expected.

No sensor lead has been supplied with the unit.

No sensor was supplied with the unit.

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Repair	Ref	S/N	Equipment Type	Under Warranty
SRN37860	7910110	03319	Oxygen Analyser VN202	No Fault Found Time :0 Hour(s)

The VN202 analyser has been tested. The unit is working as expected.

The supplied sensor cable is in good condition.

The supplied R-17VAN Oxygen sensor has been tested. The output in Oxygen was 40.4mV. The output in air was 8.6mV.

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Repair	Ref	S/N	Equipment Type	Under Warranty
SRN37861	7910110	03272	Oxygen Analyser VN202	Complete - Repaired Time :0 Hour(s)

The VN202 analyser has been tested. There was a fluctuation in the reading when left on test at 100% Oxygen. The calibration pot has been replaced. The unit is now working as expected.

The supplied sensor cable is in used condition and is showing residue on the contacts. This has been cleaned. The cable is working as expected.

The supplied R-17VAN Oxygen sensor has been tested. The output in air was 20.4mV. The sensor is out of specification and not in warranty.

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Repair	Ref	S/N	Equipment Type	Under Warranty
SRN37862	7910110	03318	Oxygen Analyser VN202	Complete - Repaired Time :0 Hour(s)

The VN202 analyser has been tested. The unit reports E3 when any input voltage is supplied. There was corrosion on the sensor input connector and damage to the case. A new case wiring loom and calibration pot have been fitted.

Two sensor cables have been supplied with the unit. Both cables are open circuit or intermittent. The sensor cable has been replaced with SN:0003507.

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Repair	Ref	S/N	Equipment Type	Under Warranty
SRN37863	7910201	TX3863	Vandagraph Tek Ox	Complete - Repaired Time :0 Hour(s)

The Tek-Ox analyser has been tested. The sensor input connector has been cleaned. The unit is working as expected.

The R-17VAN Oxygen sensor has failed out of warranty.

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Repair	Ref	S/N	Equipment Type	Under Warranty
SRN37864	7910201	TX4595	Vandagraph Tek Ox	No Fault Found Time :0 Hour(s)

The Tek\_Ox analyser has been tested. No fault was found with the unit.

The supplied Oxygen sensor has been tested. The output in Oxygen was 49.2mV. The output in air was 10.6mV. No fault was found.

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Repair	Ref	S/N	Equipment Type	Under Warranty
SRN37865	7910201	TX4423	Vandagraph Tek Ox	Complete - Repaired Time :0 Hour(s)

The Tek-Ox analyser has been tested. The unit intermittently powers off. The battery door battery contact has been replaced. The unit now works as expected.

The supplied Oxygen sensor has been tested. The output in Oxygen was 47.0mV. The output in air was 10.1mV.

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Repair	Ref	S/N	Equipment Type	Under Warranty
SRN37866	7910201	TX5114	Vandagraph Tek Ox	Complete - Repaired Time :0 Hour(s)

The Tek-Ox analyser has been tested. The unit is working but fluctuates by 1% when tested at a simulated 100%. The PCB has been replaced. The unit now works as expected.

The supplied Oxygen sensor has been tested. The output in Oxygen was 53.1mV. The output in air was 11.3mV.

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