

**BOX:751**

● Repaired ○ No Fault Found

Returned Barcode

Tick All Replaced

Stock Ref	Sup Ref	B/C	S/N	Fault	Replaced	No Fault Found	Repaired	Credited	Out Warranty	Notes
4410520		837783	80940146	Requires Calibration	☐	☒	☐	☐	☐	Calibration Check

Update

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bluepoint medical GmbH & Co. KG - An der Trave 15 - 23923 Selmsdorf

Viamed
Steve Nixon
15 Station Road, Cross Hills
BD20 7DT KEIGHLEY - WEST YORKSHIRE
GROßBRITANNIEN

Delivery note

Document No. 33998
Number: 2021-20015
Date: 06.01.2021
Customer No. 10247
Contact: A. Riemer
phone: 038823-548-818

Shipment UPS
Delivery cond. Pick up
Reference
Cust. Ref. Cathy Green
Cust. Doc. RTS1100751

Our VAT No. DE246167530
Our Tax No.
Auslând. StNr
Your VAT No.

Dear Ladies and Gentlemen,

thank you very much for your order. According to our terms and conditions we confirm your order hereby.

Pos.	Article No.	Description	date of deliv	Qty. Pqty
1	99993	RMA 2020-0258 VM-2500-S SN: 80940146 ***unrepaired back***	06.01.2021	1 pcs

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Bank accounts:

Commerzbank AG, BLZ/bankcode: 130 400 00
€-Kto./acct.: 35 3399 9
BIC(Swift Code) COBADEFF131
IBAN DE66 1304 0000 0353 3999 00

HypoVereinsbank AG, BLZ/bankcode: 200 300 00
€-Kto./acct.: 638 00 68 86
BIC(Swift Code) HYVEDEMM300
IBAN DE91 2003 0000 0638 0068 86

HypoVereinsbank AG, BLZ/bankcode: 700 202 70
\$-Kto./acct.: 879 533 139
BIC(Swift Code) HYVEDEMMXXX
IBAN DE62 7002 0270 0879 5331 39

Ust-Nr./VAT-No. DE 246 167 530

Trade register: Schwerin Reg.-No.: HRA 2600

Service protocol CapnoTrue AMP/ASP/MG

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Customer error description:

Requiere Calibration

Bluepoint service error analysis:

Name	DK		
Screw locking:	☐ yes ☒ No	Software version:	
Power supply connector:	☒ male, black ☐ male, metal ☐ female, black		
Gas outlet:	☐ back ☒ top ☐ no CapnoTrue®ASP		
Analysis result:	ISA -> OK Capno Check HM047: 4,8% EtCO2 / 0,0% FiCO2 10 bpm		

Actions for repair:

SW update to version: na (regularly carried out from v5.9)
HW update: na (ASP gas outlet is regularly moved to top housing: Mod.4)
24h load test performed (regularly carried out if main PCBA is replaced) : ☐ yes ☒ no ☐ n/a

Actions for repair and replaced parts (Name, REF, SN):

Calibration / Capno Check

Comment to customer:

Test Result (detailed test see next pages)	☒ Pass AMP/MG: Step 1-5+7, ASP: Step 1-7	☐ Fail Don't use device to monitor patients!
Comments:		
Date	Tester	
05.01.2021	Remm	

Model VM-2500-S	Device Serial Number 80940146	RMA number 2020-0258	Date of analysis 05.01.2021
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Service protocol CapnoTrue AMP/ASP/MG

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Test step	Acceptance criteria	Result	comment
1. Visual inspection			
1.1) Housing, Display, Keypad	No damages or defects	☒ pass ☐ fail	
1.2) Sensors and cable	No exposed optical components, cables or other damages to the sensor	☒ pass ☐ fail	
1.3) External power supply (cable+ connector)	- No damages or defects. - Output voltage: 5,6 – 6,2V. - Electrical test (e.g. SECUTEST VDE 0751) is passed.	☒ pass ☐ fail	
1.4) Label + transparent protective foil	Label and the transparent protective foil are fixed clean to the back of the device.	☒ pass ☐ fail	
1.5) Screw lock	Fixed to upper right-hand screw	☒ pass ☐ fail	
2. Power Supply Options (AA batteries, Li-Poly rechargeable battery, external power supply) Test procedure: switch on with each supply option (see test steps 2.1 - 2.5) > perform Measurements: SpO ₂ at finger, etCO ₂ by breathing through airway adapter > switch off			
2.1) Only 4xAA Batteries	Battery symbol is displayed. Proper operation (device is providing SpO ₂ & CO ₂ reading)	☒ pass ☐ fail	
2.2) Only Li-Poly	Battery symbol is displayed. Proper operation (device is providing SpO ₂ & CO ₂ reading)	☒ pass ☐ fail	
2.3) Only ext. power supply	Power supply symbol is displayed. Proper operation (device is providing SpO ₂ & CO ₂ reading)	☒ pass ☐ fail	
2.4) ext. power supply + Li-Poly	Charging symbol is displayed. Proper operation (device is providing SpO ₂ & CO ₂ reading).	☒ pass ☐ fail	
2.5) No sensors are connected to the device. Switch on with 4xAA Batteries with <4.1V.	Low battery alarm (visual and audible)	☒ pass ☐ fail	
3. SpO₂-Function at simulator (Fluke Index 2, SpO₂ = 82%, Pulse rate = 75bpm, R-curve=BPM)			
3.1) SpO ₂ at simulator set point: 82%	82% SpO ₂ (+-2 digits)	☒ pass ☐ fail	reading SpO ₂ : 83%
3.2) Pulse rate at simulator set point: 75bpm	75 beats/min (+-1 digits)	☒ pass ☐ fail	reading PR: 75 bpm
3.3) SpO ₂ low alarm (at default low limit setting: 85%)	Audible and visual	☒ pass ☐ fail	
Model VM-2500-S	Device Serial Number 80940-146	RMA number 2020-0258	Date of analysis 05.01.2021

Service protocol CapnoTrue AMP/ASP/MG

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Test step	Acceptance criteria	Result	comment
4. CO₂-Measurement (CO ₂ values at breath simulator: CapnoCheck Program 1, 10 breath per minute) Select Mode at CapnoTrue: <i>Main Menu > Service > Maintenance > Check gas accuracy</i> Calibration gas (5% ±0.1vol% CO ₂ , 20.9% O ₂ balance N ₂)			
4.1) 5vol% CO ₂ calibration gas + airway adaptor	EtCO ₂ : 4.7 – 5.3 vol% FiCO ₂ : 0.0 – 0.3vol%	☒ pass ☐ fail	value: EtCO ₂ / FiCO ₂ 4,7 % / 0,2 % Zeroing? ☐ yes ☐ no
4.2) Breath per minute	10 (+-1 bpm)	☒ pass ☐ fail	reading RR: 10 bpm
5. Alarms und Data Download (switch on device, SpO ₂ Sensor at finger, breath through airway adapter)			
5.1) Remove SpO ₂ Sensor from finger	Alarm sound and message „SpO2 Probe off !“	☒ pass ☐ fail	
5.2) Breath 3x through airway adapter and wait 20s	Alarm sound and message „Apnoea !!“	☒ pass ☐ fail	
5.3) Download data to PC with CapnoTrue PC-Software	Successful data download to PC	☒ pass ☐ fail	PC-SW version: v. 1.11
5.4) Delete all data	All stored data in the device are deleted	☒ pass ☐ fail	
6. Leakage test – ISA module (Only for sidestream capnograph CapnoTrue®ASP)			
6.1) Perform leakage test (see Technical Support Manual)	CO ₂ drop <0.5vol% in 1 Min.	☒ pass ☐ fail	
7. Packaging and accessories			
7.1) Latest FW on the device?	See server	☒ pass ☐ fail	Ver. 8.8 Model VM-2500-S Language EU
7.2) Time (accuracy RTC)	Same as test PC	☒ pass ☐ fail	
7.3) Remove Li-ion battery	Battery case empty	☒ pass ☐ fail	
7.4) SN on device back label	SN like label in battery case	☒ pass ☐ fail	
7.5) Protective sheet on label	Implemented	☒ pass ☐ fail	
7.6) Screw locking	Implemented	☒ pass ☐ fail	
7.7) Final check	Device and parts clean & no damages	☒ pass ☐ fail	

Attachments:

Model VM-2500-S	Device Serial Number 80940-146	RMA number 2020-0258	Date of analysis 05.01.2021
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Proforma invoice

Number: 2021-00004
Date: 06.01.2021
Customer No. 10247
Contact: A. Riemer
phone: 038823-548-818

Shipment	UPS	Our VAT No.	DE246167530
Delivery cond.	Pick up	Our Tax No.	
Reference	Delivery note 2021-20014	Ausländ. StNr	
Cust. Ref.	Cathy Green	Your VAT No.	GB287389593
Cust.Doc.	RTS1100751/752		

Pos.	Article No.	Description	date of deliv	Qty.	PQty	Price	Amount
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4	99993	RMA 2020-0258	06.01.2021	1	pcs	10,00	10,00
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VM-2500-S

SN: 80940146

commercial value for customs purposes only

plus VAT

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Ust-Nr./VAT-No. DE 246 167 530

Trade register: Schwerin Reg.-No.: HRA 2600