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Ref: 20181024/504

30 October 2018

Dear «UPOSITION»,

### Calibration Check: VM-2500 Series Capnographs

I am writing with regards to the VM-2500 series Capnograph that your organisation has previously purchased from Viamed.

It is recommended that gas readings should be verified at regular intervals with a reference instrument or with calibration gas. The suggested interval for gas span check is once every year, or whenever gas readings are questionable. A basic maintenance plan conducted by service personnel is recommended, a service manual is available upon request. Should you not have personnel to carry this out, capnographs may be returned to Viamed for servicing.

The price for this service is **£150.00** plus £10.00 return carriage (excluding VAT).

- VM-2500-M Mainstream part number 4480500
- VM-2500-S Sidestream part number 4480520



Should you wish to use this service, please advise us of the serial number/s of the unit/s and we will provide you with a returns reference number. When returning units to us, please may we ask that you ensure that the packing is adequate and we advise that you use a traceable delivery service.

So that we can keep our records up-to-date, if the Capnograph is no longer in service, please email [capnographcheck@viamed.co.uk](mailto:capnographcheck@viamed.co.uk) with the serial number/s and we will update our records accordingly.

Should you have any further queries or require any further information, please do not hesitate in contacting us.

Yours sincerely

Catrin Hollings  
Marketing

## **Why the VM-2500 does not require calibration during use**

The CO<sub>2</sub> analyzers of VM-2500 Series capnographs (mainstream and sidestream) are permanently factory calibrated during the manufacturing process. During extensive measurements with calibration gas, the CO<sub>2</sub> measurement units evidenced the accuracy required. The monitor requires no routine calibration and the CO<sub>2</sub> analyzers incorporate maintenance and calibration-free technology

All necessary calibration constants and firmware are stored within each CO<sub>2</sub> analyzer. The analyzer firmware contains algorithms that self-compensate and self-adjusts analyzer settings based on the information that it generates during start-up and self-test procedures. The use of Viamed consumables used in accordance with the user manual enables the accuracy and function of the analyzers to be maintained.

Gas readings should be verified at regular intervals with a reference instrument or with calibration gas. The suggested interval for gas span check is once every year, or whenever gas readings are questionable.

This is a major advantage of VM-2500 Series capnographs when compared to many alternative capnographs that need: recalibrating, verification of accuracy or servicing on a frequent basis.

A basic maintenance plan conducted by service personnel is recommended. Should you not have personnel to carry this out, capnographs can be returned to Viamed for servicing. Please refer to the user manual and service manual for detailed information.

Should you have any queries or require further information, please do not hesitate to contact Viamed or your local distributor.