

QRS Spirometry Consumables

Supporting ATS Guidelines

QRS Pre-Calibrated Mouthpieces

Z-5000-2608*Box of 100*

All QRS spirometers use pre-calibrated, disposable mouthpieces. These mouthpieces are individually calibrated during production. These pneumotachs are single patient use only.



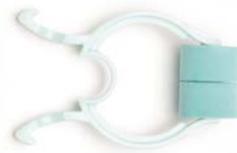
The QRS mouthpieces reduce the liability for cross-contamination (Please see the [QRS Spirometers – Cross Contamination](#) document for more information.) and eliminate the need for sterilization. This can save your staff time and money.

The ATS/ERS 2005 Standardisation of Spirometry document recommends a calibration plan for disposable mouthpieces. Because QRS mouthpieces are pre-calibrated in production, there is no need to test every mouthpiece. QRS recommends implementing a quality assurance program to periodically select and test calibration on a sample of disposable mouthpiece pneumotachs.

QRS Nose-Clips

724050-00*Bag of 50*

QRS, in line with ATS Guidelines, recommends the use of nose-clips when performing a Spirometry test with a QRS spirometer.



ATS Guidelines state “The use of a nose clip or manual occlusion of the nares is recommended, [...]” One acceptability criterion for spirometry is that the test be free from artifacts, including leaks, which can be prevented by using a nose clip.

QRS 3L Spirometry Calibration Syringe

723000-00

According to ATS Guidelines, the volume accuracy of the spirometer must be checked at least daily. QRS sells a Volume Calibration Syringe (3L) designed to fit QRS spirometers. Although QRS spirometers cannot be calibrated in the field, the syringe allows you to check your calibration. If your calibration is off, please contact QRS for recalibration of your spirometer.



QRS spirometers do not require routine calibration. However if the device is dropped or has sustained physical damage, it will need to be re-calibrated. ATS Guidelines state "While manufacturers are responsible for demonstrating the accuracy and reliability of the systems that they sell, it is the user who is responsible for ensuring that the equipment's measurements remain accurate."

Please note, calibration syringes do not re-calibrate devices or pneumotachs, they merely check if the device or mouthpiece is in calibration.

Contact QRS Customer Care for recalibration or questions regarding the accuracy and reliability of our spirometers.

**Customer Care**

Technology in Practice™

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