



SpiroCard™

Unparalleled Accuracy

EXCEEDS ATS STANDARD

LUNG AGE CALCULATION

OFFICE MEDIC INTEGRATION

PRE-CALIBRATED

Technology in Practice™

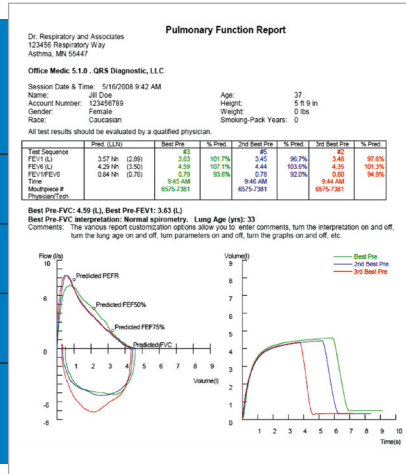
Unprecedented Precision

Exceeds the ATS Standard and surpasses the competition. Validated by the LDS Hospital's Pulmonary Laboratory against the 26 demanding waveforms and out-performed systems costing 10 times its price*. The SpiroCard turns an off-the-shelf computer into a full-function spirometer.

The SpiroCard Exceeds ATS/ERS Task Force: Standardization of Lung Function Testing 2005

Parameter	ATS	QRS SpiroCard*
FVC Accuracy	3.0%	Less than 0.2%
FVC Precision	3.5%	Less than 1.3%
FEV1 Accuracy	3.0%	Less than 0.04%
FEV1 Precision	3.5%	Less than 1.9%
PEF Accuracy	10.0%	Less than 2.0%
PEF Precision	5.0%	Less than 0.8%

* According to LDS Hospital Independent Test 2000; Based upon ATS Standardization Of Spirometry 1994



OFFICE MEDIC

- Office Medic increases efficiency, improves patient care and reduces costs. It puts diagnostic testing right at the point-of-care and delivers information instantly and securely over industry-standard networks.
- Office Medic instantly stores the test data in its central database allowing you to manage and review it from anywhere. It also seamlessly integrates into our EMR via XML, HL7, PDFs and JPEGs.
- Languages Available: English, French, German, Italian, Spanish, Portuguese and Japanese.

FEATURES & BENEFITS

Surpasses the Competition: Validated by the LDS Hospital's Pulmonary Laboratory against 26 demanding waveforms and out-performed systems costing 10 times its price*. The SpiroCard turns an off-the shelf computer into a full-function spirometer.

Patented, Pre-Calibrated Mouthpiece: The SpiroCard is the only system where everything the patient touches is thrown away! No sterilization or calibration is necessary, saving time for nurses, therapists and physicians.

Draws its power from the PC: No batteries are required with the SpiroCard – the power is drawn from the PC it is connected to by USB port.

Lung Age Calculation: Lung age will be calculated for patients ages 20-84. It is equal to the predicted FEV1 that matches the patient's actual FEV1. Lung age may differ based on the predicted equation chosen.

Customer Care: The SpiroCard features a 3-year warranty along with 1-year software upgrades and support.

WHAT'S INCLUDED

- SpiroCard
- QRS Pre-Calibrated Mouthpieces – 2
- QRS Pressure Tubes – 2
- Office Medic Software
- QRS Nose Clips - 5

SPIROMETRY ACCESSORIES

QRS Pre-Calibrated Mouthpiece (Z-5000-2608)

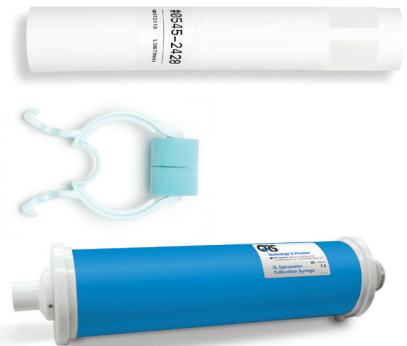
The QRS Pre-Calibrated Mouthpieces are disposable and calibrated during production using the same equipment LDS Hospital uses to validate spirometers against the ATS's recommendations for the Standardization of Spirometry.

QRS Nose Clips (724050-00)

The use of a QRS nose clip for occlusion of the nares is recommended by ATS Standards.

QRS 3L Spirometry Syringe (723000-00)

According to ATS standards, the volume accuracy of the spirometer must be checked at least daily.



Technology in Practice™

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