

## Digital Spirometer II

AMD-3920

The Digital Spirometer II is used to perform pre- and post-bronchodilator tests that help detect and measure various respiratory issues. This device, when used with interpretive software (ie IQManager®), makes it fast and easy to capture, interpret and review patient test information. The lightweight and portable design is suitable for both adults and pediatrics.



### Product Features when used with Interpretive Software (ie IQManager®):

- Easy-grasp and lightweight design (weighs only 10 oz) makes testing comfortable for adult or pediatric patients.
- Unique eject lever and disposable pneumatic mouthpiece alleviates handling of used mouthpieces and minimizes patient cross-contamination.
- Ergonomic, T-shaped design promotes correct patient positioning during testing.
- View real-time Flow/Volume Loop and Volume/Time graphs with fully customizable parameters.
- Trend patient's test measurements over time in graphical and tabular formats.
- USB connection requires no battery to operate.
- Easily integrates with EHR/EMR systems so you can save test results directly to a patient's record.
- Integrates with AMD's AGNES™ software to aggregate patient data and allow vital information to be shared with remote or consulting physician.

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## Technical Specifications:

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**Dimensions:** 7.75" (h) x 2.5" (w) x 1.75" (d) / (191 mm x 64 mm x 44 mm)

**Weight:** 9 oz (0.25 kg)

**Connection/Power:** USB cable

**Accuracy and Precision:** meets or exceeds ATS/ERS 2005 Standards

**Calibration:** 3-liter calibration syringe (iQcal™)

### Measuring Ranges:

- +/- 14 L/s – Flow
- +/- 8 L – Volume
- 30 s – Maximum Measuring Time

### Environmental Conditions:

- Operating Temperature: 59° F to 104° F (15° C to 40° C)
- Operating Humidity: 10% to 90% non-condensing



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