

# ASCENT

cardiorespiratory diagnostic software



## INTRODUCING ASCENT™ SOFTWARE

WITH INSIGHT™ QUALITY CONTROL GAUGE

A remarkably better way to collect, access and review data so you can stay focused on your patients.

It's simple. Improving the diagnosis of patients starts with diagnostic tests done correctly and according to ATS/ERS standards. The ease in which you are able to collect, access and review data helps to ensure an effective patient outcome. The all-new Ascent software has been designed from the ground up with these thoughts in mind, resulting in the most advanced testing software platform available. Ascent cardiorespiratory diagnostic software offers pulmonary function testing within a seamless, integrated platform.

### EASY TO USE

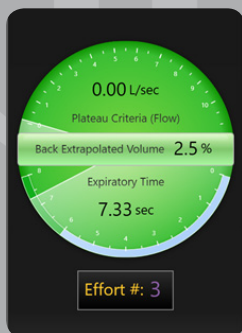
- The dynamic on screen instructions walk you through the entire testing process.
- The unique Insight™ quality control gauge allows you to monitor patient efforts to ATS/ERS quality standards in REAL-TIME during testing.
- The color-coordination and numbering of efforts ensures you can easily identify test results.

### POWERFUL

- The Score Card displays test specific ATS Acceptability and Repeatability guidelines, which rate each effort based on the test specific ATS Criteria.
- The ability to create multiple customized predicted sets.

### VERSATILE

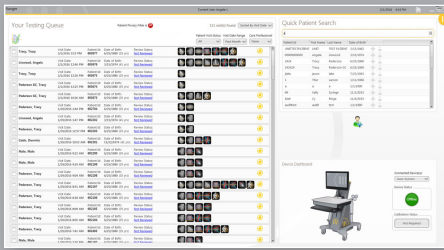
- Adjust view settings for a customized user experience and generate custom evaluator comments to summarize the quality of each effort.
- Obscure sensitive patient data with the Privacy Filter, if needed.
- Sort and review tests from the AscentReview™ software screen or from a user-formatted report.



INSIGHT QUALITY  
CONTROL GAUGE  
shows efforts at-a-glance

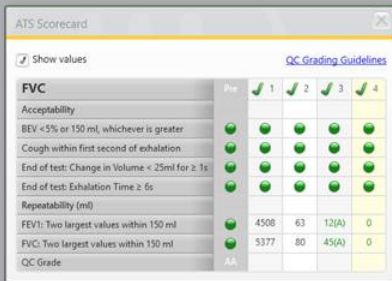


## SAMPLE SOFTWARE SCREENS



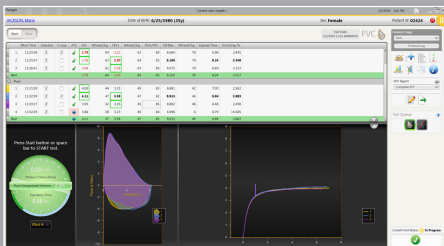
### HOME SCREEN

contains personalized testing queue, patient search and device dashboard



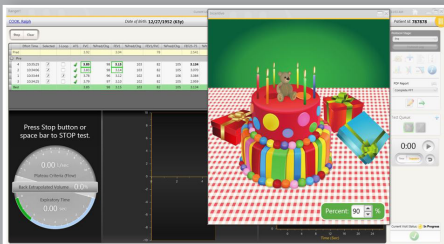
### TEST SCORE CARD

displays acceptability and repeatability criteria



### FVC TESTING SCREEN

contains Insight quality control gauge and patient efforts



### PATIENT INCENTIVE SCREEN

incentive options include birthday cake and balloon

## ATS ACCEPTABILITY AND REPEATABILITY

All test grids clearly relay ATS Acceptability and Repeatability guidelines (including ATS guidelines for preschool children):

- Back Extrapolation
- Flow Cessation
- Repeatability
- Best Effort Composition
- The Score Card evaluates the patient test results and displays whether or not the patient met the ATS criteria for Acceptability and Repeatability.



## IMPROVED CALIBRATION

preVent® flow sensor calibration requires three strokes in three specific zones. When satisfied, each zone offers positive feedback limiting the number of strokes to three inspiratory/expiratory strokes. Results display relative to their limits in the results control.

## DEVICE DASHBOARD

The home screen device dashboard allows you to quickly survey important information regarding connected devices and take necessary action:

- Thumbnail of current device in use.
- Automatic device discovery.
- Switch to other connected devices quickly.
- Device Ready Status: see if your device is ready to test. If not, see how long until the device is ready for testing.
- See the calibration status.



## ENHANCED GRAPHICS

Ascent's at-a-glance graphics provide you with an easy way to determine the status of tests throughout the software. Test icons are shown for each test completed. Simply click on the corresponding test icon to go directly to that test/result.

## SPECIFICATIONS

### SYSTEM COMPATIBILITY

- Platinum Elite™ body plethysmograph
- CPFS/D USB™ spirometer

### WORKSTATION REQUIREMENTS

- Windows 10 Pro/Enterprise
- Windows 11 Pro/Enterprise
- Hard Drive: 250+ GB recommended
- Memory: 16+ GB min
- Display Resolution: 1920 x 1080 or higher recommended / 1024x768 minimum
- 3+ USB ports

MGC DIAGNOSTICS CORPORATION, through its subsidiary Medical Graphics Corporation  
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