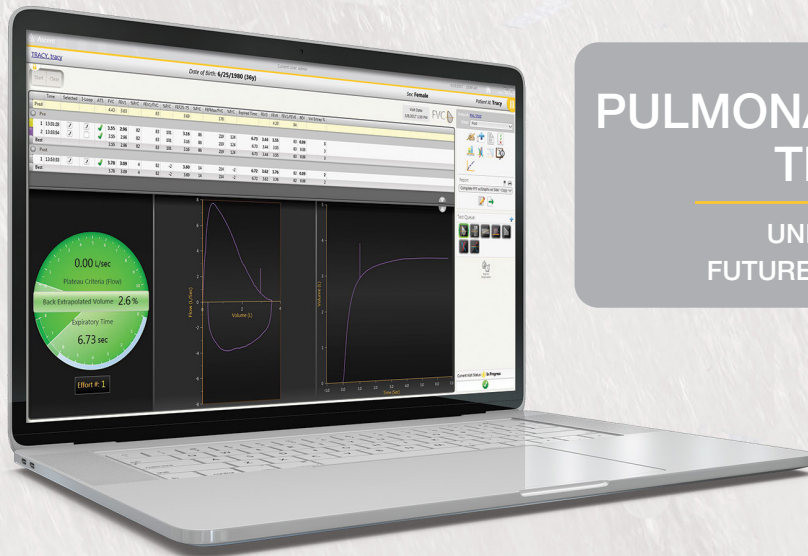# ASCENT

cardiorespiratory diagnostic software

FOR
PULMONARY FUNCTION TESTING

UNLOCKING THE FUTURE OF DIAGNOSTICS

Ascent cardiorespiratory diagnostic software is essential for accurate pulmonary function testing. It seamlessly integrates with MGC Diagnostics systems, providing a comprehensive suite of tools for measuring all pulmonary function variables in real time.

EASY TO USE

- Dynamic on-screen instructions guide the testing process, while Insight™ quality control gauge monitors patient efforts to ATS/ERS standards in REAL-TIME.
- Color coordination and numbering facilitate easy result identification.
- No other software is easier to use or provides as much insightful information for the clinician.
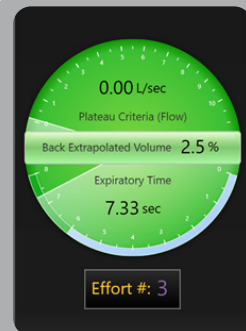
POWERFUL

- The Score Card rates each effort against test-specific ATS Acceptability and Repeatability guidelines.
- Create multiple customized predicted sets.

VERSATILE

- Customize views and generate evaluator comments for effort quality.
- Use the Privacy Filter for patient data protection.
- Sort and review tests via AscentReview™ software or user-formatted reports.
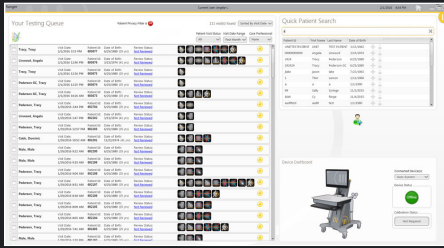
Key Features

- Complete PF Studies: Effortlessly assess all lung function values including spirometry, lung volumes, diffusion capacity and pressures.
- Quality Control: Built in graphs for syringe and Bio QC subjects with standard deviations and limits.
- Graphical Analysis: Intuitively visualize results for easy interpretation
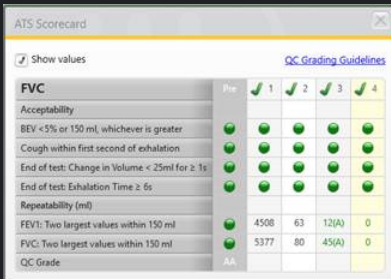- Comparative Studies: Monitor changes over time and compare results with established norms.

INSIGHT QUALITY CONTROL GAUGE
shows efforts at-a-glance
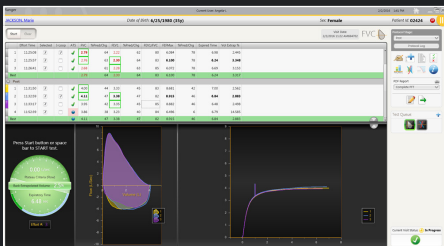
mgcdiagnostics.com

MGC DIAGNOSTICS®

HOME SCREEN
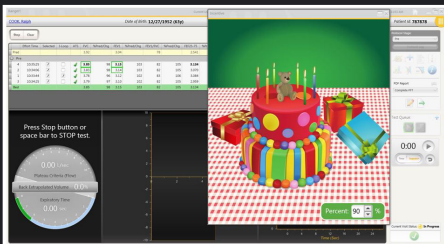*contains personalized testing queue, patient search and device dashboard*

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

Additional Features

ATS/ERS ACCEPTABILITY AND REPEATABILITY

Test grids convey ATS/ERS Acceptability and Repeatability guidelines, including those for preschool children.

- Back Extrapolation
- Flow Cessation
- Repeatability
- Best Effort Composition
- The Score Card assesses patient test results against ATS criteria for Acceptability and Repeatability.

IMPROVED CALIBRATION AND VERIFICATION

preVent® flow sensor calibration and verification requires three strokes in three specific zones. Positive feedback is provided in each zone, limiting strokes to three inspiratory/expiratory strokes. Results display relative to their limits in the results control.

DEVICE DASHBOARD

The home screen and device dashboard provide quick access to essential information for connected devices:

- Automatic device discovery and thumbnail of current system in use.
- Switch to other connected systems quickly via dropdown.
- Device Calibration Status.

ENHANCED GRAPHICS

Ascent's at-a-glance graphics enable easy test status identification. Test icons are displayed for completed tests, allowing direct access to corresponding test results with a click.

TRENDING

Trend graphics and reports allow the monitoring of patient variables over time to assess the progress of disease or improvement with therapy.

SPECIFICATIONS

SYSTEM COMPATIBILITY
- Platinum Elite™ body plethysmograph
- CPFS/D USB™ spirometer
- Ultima Series™ cardiorespiratory diagnostic systems (PF & PFX models)

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

Interested in learning more?
View our Ascent software video playlist:

SCAN ME

Part# 061379-001 RevA

CE 2797

CLASSIFIED
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