

# Service Support Education



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Part #051004-001 Rev A

## Technical Support

MedGraphics is committed to supporting research sponsors and clinical sites through quality service and technical support. With regional service engineers stationed throughout the country and application support specialists in our home office, we provide qualified staff to answer your technical questions on a global 24/7/365 basis, via our toll free service line.

Technical support can also be contacted via the internet using our Online Support. Online Support includes a searchable "AnswerBook" and forms for submitting your questions to Technical Support.

## Installation & Training

When you purchase or rent a MedGraphics system for your clinical trial, we offer you complete system training with centralized & on-site support programs. This service comes with the assurance that our goal is to deliver the ultimate in quality service and accurate reliable research data.

## Education

MedGraphics is an educational leader in the cardiorespiratory diagnostics market. We offer system operator training and a seminar series for cardiopulmonary technologists and clinicians. The seminar is accredited and provides you with Continuing Education Units (CEU's).

## Biomed Training

MedGraphics offers biomedical engineer training classes throughout the year. The classes are small enough to ensure hands on experience. Classes are accredited and provide you with CEU's. Contact our training coordinator at 800.333.4137 for further information.

## Global Presence

MedGraphics is represented worldwide by more than 60 support partners in over 65 countries on 6 continents. All of our global partners are thoroughly trained in the applications and service of MedGraphics systems.

# MedGraphics<sup>®</sup> Clinical Research

*"Providing Reliable and Quality CardioRespiratory Equipment for Research in Clinical Trials"*

Time	Start	Test Mode	ATS	FVC absolute	FVC % p/c	FEV1 absolute	FEV1 % p/c	RV/EVC absolute
Predicted				3.90		3.30		85
11:08:44	✓			4.54	116	3.85	117	85
11:09:12	✓			4.50	115	3.83	116	85
11:08:08	✓			4.45	114	3.79	115	85
ATS		Pre/Baseline		4.54	116	3.85	117	85

MedGraphics offers an innovative and complete product line of cardio-respiratory diagnostic systems for support in clinical research trials. Systems range from designs for stationary PF and exercise/nutrition testing through mobile systems that you can hold in your hand.

MedGraphics' reputation for quality breath-by-breath metabolic measurement is embodied in a complete line of systems, including the Ultima systems and the sleek VO<sub>2000</sub> for portable and ambulatory exercise/metabolic assessment.

## MedGraphics Technology

### 1970s

- First computer-based Graphic Software for Pulmonary Function Testing

### 1980s

- First True Breath-by-breath Cardio pulmonary Exercise Testing System
- First Rule-based Expert Software for Pulmonary Function Testing

### 1990s

- First Low-Cost Flow Meter
- Patented patient valve for infection control
- First Integrated ECG/VO<sub>2</sub> System
- First Rule-based Expert Software for Exercise Testing
- First body Plethysmograph with N<sub>2</sub> washout, single-breath N<sub>2</sub> washout, and diffusing capacity in one system
- System of choice in 90% of top teaching hospitals in the US



### Elite Series

- Body Plethysmography
- Complete Spirometry
- Diffusing Capacity
- Lung Volumes



### Ultima PF Series

- Complete Spirometry
- Diffusing Capacity
- Lung Volumes



### Ultima CPX/CCM Series

- Breath-by-breath analysis
- Simple patient interface
- Exercise & Nutritional assessment
- 12 lead stress ECG



### CPFS/D

- Complete Spirometry
- Portable capability

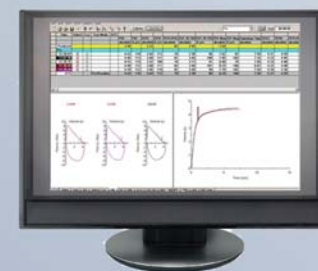


### preVent™ Pneumotach

- Simple set-up
- Used on all MedGraphics equipment
- Custom fit bacterial filter



### Centralized Data Management



### Customized BreezeSuite Clinical Software



### VO2000 Gas Exchange

- Portable capability, Ambulatory
- Simple patient interface
- Exercise & Nutritional assessment

## Medical Graphics Corporation

- Founded in 1977 to develop & market pulmonary function applications software

- Today, Medical Graphics broadly defines its markets as pulmonary, cardiology, critical care, rehabilitation and primary care markets. MedGraphics products are used on a daily basis by thousands of users, including many of the leading heart and lung centers around the world

- Winner of Medical Design Excellence

- Internationally represented by more than 60 distribution partners in over 75 countries

- 28 US and International patents