



ComPAS PFT Software



The Pinnacle of PFT software

The ComPAS suite of software has evolved over years of clinical work. It is an amalgamation of expertise in pulmonary function testing, scientific techniques of measurement and the very latest in software design. From the finest teaching hospitals to private offices, ComPAS offers the total PFT software solution.

Collaborative Design

At Morgan Scientific, we invite and encourage customer participation in development like no other company. So many of the advances and admired features in ComPAS have evolved as a result of this collaborative spirit and direct contact between our engineers and the end-user.

ComPAS continues to expand in capability while harnessing the very latest in industry specifications and design techniques. What sets us far apart from other choices is that all of our customers benefit and gain access to the new capability even while using older hardware!

Features

- Minimal keystrokes, easy to use
- Incredible reporting capability
- Unique remote interpretation design
- Continual advances and upgrades
- Vast array of clinical test capability
- Superb help with remote communication

Data Distribution

The ComPAS Task Manager provides electronic transfer of patient test results across an office-wide or hospital-wide network. When testing is completed and approved by the technician in the pulmonary laboratory, the test results are passed along the Task Manager routing depending upon the configuration options. It is easy to think of this as a report being handed from one colleague to another for review.

The configuration of the Task Manager allows for great flexibility to suit all situations from leading teaching hospitals to straightforward office practices.



Reporting options that are truly second to none

Spectacular ComPAS software with ease of use yet powerful versatility and capability

Capabilities

- Test Capability**
 - Static Spirometry, Flow Volume Loops, MVV, Cough Peak Flow, Bronchial Challenge (Methacholine, Aridol, Cold Air & Exercise), Lung Volumes (by helium dilution, plethysmography and nitrogen washout), Airways Resistance, Lung Clearance Index, Single Breath Diffusion, Steady State Diffusion, Slope of Phase III and CPET Testing.
- Nonin WristOx**
 - Six Minute Walk
- Manual Entry**
 - Extensive ABG capability, Oximetry (elevated and room air), Exercise, Pressures and Radionuclide
- Predicted Sets**
 - GLI, ATS/ERS, Polgar, Knudson, Crapo & Morris, Hsu, Wang & Dockery, NHanes III and many more.
- Reporting**
 - Brilliant library of report options:
 - Logo and header design
 - Imbedded graphics
 - Manual entry information
 - Numerous test graphics
 - Summary of all efforts
 - Overlay of graphics
 - Past test result history
 - Serial data trend graphing
 - Automatic trend analysis
 - Children's growth charts
 - Computer impressions
 - Captured digital signature
 - Administrative Reports
 - QA Reports
 - Research Query Reports

- Interpretation**
 - When tests are completed, results can be routed to any network/ internet connected station for physician interpretation
- Citrix™**
 - ComPAS is fully compatible for use on a Citrix server to allow for internet access and remote interpretation from anywhere
- Remote Support**
 - Using secure internet connections
- Interfacing**
 - Health Level Seven (HL7)
- EMR Solutions**
 - SRS Freedom Chart Manager©
 - SOAPware, A4 (e-scripts), MiSys
 - MediTech, Cerner Millennium, Epic, Siemens, OmniVision, Veterans Administration - Vista
 - Note: All interfaces have to be specified and quoted separately depending upon customer requirements.
- License Program**
 - Automatic updates through the ComPAS license program at no additional cost
- Manuals**
 - HTML Help and PDF manuals

Computer Specifications

- Minimal Specifications**
 - CPU: Intel Core i5 (equivalent or better)
 - RAM: 4 GB or greater
 - STORAGE: 1GB for installation, plus 1GB per year for data growth
 - Operating System: Windows 7 or 8 (32/64-bit)
 - USB: One available USB port (2.0 or better)