Vitalograph* is a world leading provider of outstanding quality respiratory diagnostic devices, clinical trial services and medical equipment servicing. With a pioneering heritage of excellence spanning half a century we continue to make valuable contributions to effective medical care and enhanced quality of life.

Vitalograph have been pioneers since our earliest days when we first made it possible to take spirometry out of laboratories and bring it into GPs surgeries. Our continuous investment in product development reflects our pioneering spirit and demonstrates our commitment to supporting respiratory professionals and those they care for.
Vitalograph ALPHA
Effective spirometry – pure and simple

The Vitalograph ALPHA™ is a dedicated all in one desktop spirometer featuring the proven Vitalograph Fleisch pneumotachograph to provide unparalleled accuracy and outstanding performance.

- Measures VC, FVC, FEV₁, FEV₁ Ratio, PEF, FEF₂₅₋₇₅% and more
- On-screen visualisation of volume/time and flow/volume curves
- Links to PC, via USB, with Vitalograph Reports Software
- Saves multiple pre-tests for subsequent post-testing
- Compact Flash removable memory card slot
- Information presented in easy to read format
- Fast, silent printer that prints 140 tests per roll
- Battery and mains power with integrated battery for off site testing
- Real time clock
- Autoclaveable flowhead
- Facility for user accuracy checks

Order Number: 65000

High quality spirometers

Vitalograph Alpha Touch
For precision spirometry, portability, printing and PC connectivity

Simple touch screen spirometry with in-built printing and automatic PC connectivity.

- Fleisch pneumotachograph, the best performing flow measuring technology in the world
- Automatic two-way synchronisation of patient data and test sessions between ALPHA Touch and Spirotac®
- Simple icon driven menu with large, high resolution colour touch-screen
- Storage capacity for 10,000 subjects
- Over 50 test parameters to choose from
- % predicted or SDS scores comparison
- F/V and V/T curves viewable in real time
- Pre-post bronchodilator comparison
- Single or multi breath
- Hours of battery life
- Choice of attractive incentives

Order Number: 65500

High quality spirometers
Vitalograph micro

Pocket spirometer with PC spirometry reports

- Single breath evaluation of FVC, FEV₁, FEV₁ Ratio, PEF
- Complete with ‘Vitalograph Reports’ PC software to create PDF reports
- Report includes f/v and v/t curves with test quality, predicted values and interpretation
- Parameters FVC, FEV₁, FEV₁ Ratio, PEF, FEV₆, PEF, FEF₂₅, FEF₅₀, FEF₇₅, FEF₂₅₋₇₅
- Low cost yet robust with highly stable calibration and accuracy check facility
- Solid-state Fleisch technology with no moving parts
- Tested and certified to ATS/ERS:2005 Spirometry Guidelines
- Uses standard size SafeTway disposable mouthpieces for assured hygiene
- Fleisch technology flow sensor gives low back pressure
- High visibility liquid crystal display with large numerals and icons

Order Number: 63000

High quality spirometers
Vitalograph In2itive

For high quality spirometry on the move

Vitalograph In2itive™ combines the benefits of full spirometry, data integration and mobility in a small lightweight handheld spirometer.

- Features Fleisch flow measuring technology and simple icon driven menu
- Storage for 10,000 subjects
- Subject data from Spirotrac V may be downloaded automatically – saving time and eliminating data entry errors
- Session can be automatically transferred to, and synchronised with, Spirotrac V
- Colour touch screen
- Battery life for a full day of off-site testing
- Over 50 test parameters
- Choice of child incentives with sound effects
- Remote flowhead option enables the subject to view incentives while performing the test
- Print via your PC (Spirotrac V or Vitalograph Reports) or print direct to USB printer (using optional print cradle)

Order Number: 79000 In2itive & Spirotrac V Software
or 79300 In2itive with USB Printer Cable or 79400 In2itive and Reports Utility
Vitalograph Pneumotrac

Simple PC spirometry

- Vitalograph Pneumotrac™ simply plugs into a PC’s USB port
- Unlock the power of your PC for a low-cost spirometry solution
- Simply plug into any Windows® PC and run the install wizard
- Adaptable, interactive, user friendly software for full automation
- Network ready, standardised communications with other databases
- Proven spirometry software with automatic test quality control and trending
- Accurate, robust and linear Fleisch pneumotachograph
- Hygienic drying fan to inhibit micro-organism survival
- Automatic log of accuracy checks and calibration updates
- Spirotrac software is simple to use and has an installed base of thousands

Order Number: 77000 Vitalograph Pneumotrac (including Spirotrac V Software)
Vitalograph Spirotrac V
Combines the power of your PC, network and Vitalograph spirometer
Combines the power of your Windows PC and your network with Vitalograph’s proven measuring technology for early detection of respiratory disease and improved management of COPD and asthma.

- Intuitive user interface with workflow orientated presentation
- Automatic FEV₁ trend chart of actual and normal range data as subject is selected
- Open session, f/v and v/t curves, all test data and test quality in one view
- Automatic storage of all test data and events, including calibration log
- Built-in test quality checks (daily accuracy check can be forced if required)
- Choice of attractive incentives
- Comprehensive, configurable reports for spirometry sessions and trending
- Fully scalable database capacity using powerful Microsoft® SQL server technology
- Links to Vitalograph Over-Read Spirometry QA Service and practice management systems

Order Number: 70200

High quality spirometers

Vitalograph COMPACT
A powerful and sophisticated spirometer for the expert user
It stores thousands of subjects and trends their lifetime test data
Full flexibility and communication options as standard
Packed with features including colour touch-screen operation, accurate Fleisch pneumotachograph, integral printer which prints 200 tests per roll and on-screen visualisation of volume/time and flow/volume curves
Selection of patient incentives and trend graphs
Wide range of selectable parameters
Best test selection available
Automatically stores every test and recalls prior test data along with the current test
Internal storage facility for thousands of subjects and their lifetime of test data
Archives all test data allowing trending over 70 years of test results, plotted against normal predicted changes
Real time clock
Links to PC
Autoclaveable flowhead

Order Number: 67000

High quality spirometers
Respiratory Disposables

Vitalograph’s wide range of respiratory consumables, which are designed to fit most respiratory devices, offer exceptional protection against cross infection, support effective spirometry and represent great value for money.

SafeTway® Mouthpieces

Expiratory SafeTway Mouthpieces for use with Spirometers and PEF Meters

- SafeTway Mouthpieces (200)
  Order Number: 20242

- Mini SafeTway Mouthpieces (50)
  Order Number: 20980

BVF™ Bacterial/Viral Filters

Single use filters for effective filtration of bacteria, viruses and expectorated matter. Suitable for inspiratory and expiratory spirometry testing.

- Blue BVF (50)
  Fits office spirometers: Vitalograph, Clement Clarke, M.I.R, Micromedical and others
  Order Number: 28350

- Teal BVF (50)
  Fits: MedGraphics
  Order Number: 28365

- White BVF (50)
  Fits PF Lab: Sensormedics PK Morgan Collins
  Order Number: 28362

- Green BVF (50)
  Fits: KoKo PDS nSpire
  Order Number: 28368

- Clear BVF (50)
  Fits: Jaeger
  Order Number: 28363

- Grey BVF (50)
  Fits: Chest Fukuda Minato
  Order Number: 28375
Training for Professionals

Vitalograph offers training to all customers. A wide range of training services are available.

- Clinical trials training day
  Order Number: 14790

- Spirometry 1-day workshop
  Order Number: 14000

- Spirometry teaching CD
  Order Number: 14353

Pulmonary Function Test Kit Examples

Complete kits for single use in pulmonary function labs:

- White BVF Bacterial/Viral Filters, Bite-On Mouthpiece and Noseclip
  Order Number: 28381 (White)

- Clear BVF Bacterial/Viral Filters, Oval Mouthpiece, Noseclip and Elbow
  Order Number: 28385 (Clear)

Bite-On Mouthpieces

Fits all BVF filters except blue Cat No. 28350

- Disposable Bite-On Mouthpiece Medium (50)
  Order Number: 20310

- Disposable Oval Mouthpiece (50)
  Order Number: 20989

Disposable Noseclips

- Disposable Noseclips (200)
  Order Number: 20303
Vitalograph Spirotrac Over-Read Service

Spirotrac Over-Read Spirometry QA Service is a custom solution designed to utilise locally appointed and devolved expert over-reading to ensure that the quality of spirometry performed in general practice, occupational health and clinical trials meets acceptable and agreed standards. This sophisticated system enables prompt identification of shortfalls in spirometry quality arising from poor test acceptability, deficiencies in device accuracy or calibration, inappropriate use of test protocols or training issues.

- Locally controlled, expert over-reading of primary care spirometry
- Spirotrac Over-Read is provided as either a standard or customised service
- Spirometry testing is conducted as normal
- Spirometry session sent securely to your locally appointed over-reader or to Vitalograph appointed experts
- Over-reader logs on to perform fast, efficient quality reviews
- Tests accepted or rejected by the over-reader enabling prompt feedback (by exception) to users
Respiratory Clinical Trials Services
As a global provider of respiratory related services Vitalograph has undertaken multi-centre clinical trials for many of the world’s foremost pharmaceutical companies, biotechs and CROs. With a 50 year heritage of service in the respiratory field, and through our dedicated and motivated team of professionals, we bring the same commitment to excellence to all our clinical trials services. Our wide range of services includes:

- Protocol design consultation
- Centralised global data services with expert QA review
- e-Diaries, spirometry, ECG, eNO, pulse oximetry and more
- Project, logistics and data management
- Customisation of software, devices and manuals
- Custom reports and web portals
- Training of monitors and investigators
- Site visits and global 24/7 technical support

Our Rigorous Systems and Processes
Within an audited ICH-GCP environment we have developed a wide range of sophisticated systems and processes to protect the security and success of your trial including:

- Mirrored data management system at a second Vitalograph location – everything is automatically backed up and continues to operate seamlessly in the unlikely event that the primary system fails, with a generator taking over in the event of a mains electrical failure
- Automatic data backup in all site laptop PCs – making it simple to change a PC in the event of a fault
- Encrypted Internet data transmission system – highly secure, fast and cost effective via local Internet Service Providers
- Web-based access to data and reports – a powerful tool for monitoring the progress of your study using VIEWER™ web portal

Our Project Management
Our project management expertise ensures that studies run to specification and schedule and that all steps involved in successful completion are conducted in a timely way with ongoing analysis and management of risks to GCP. Each study is assigned a dedicated Project Manager with several years experience in respiratory clinical trials. Project managers ensure that the following activities are tailored to suit the needs of each study:

- Study Management of the respiratory data collection including liaison with, and reporting to, sites, monitors and sponsor teams
- Spirometry consultation including protocol enhancements, customisation specifications and user acceptance testing
- Centralised Data Management with QA review service and provision of data sets to sponsors, CROs and EDC companies
Vitalograph copd-6
COPD screening monitor

The Vitalograph copd-6™ is an accurate and cost effective ‘case selection’ or ‘screening’ device that identifies potential cases of COPD.

- For the early detection of COPD - quickly, simply & accurately
- Identifies those at risk of COPD at the pre-symptomatic stage
- Screens out those who do not have COPD
- Facilitates ‘case selection’ so that spirometry resources can be focused on those most likely to be diagnosed with COPD
- Monitors COPD patients using their ‘number’, the obstructive index – FEV₁ as a percent of predicted
- Displays FEV₁, FEV₆, ratio and % predicted, obstructive index, COPD classification and lung age
- Built-in quality of blow indicator on a large, easy to read display
- Easy to clean flowhead
- Can be used with hygienic SafeTway mouthpieces or a BVF

Order Number: 40200

Vitalograph copd-6 usb
COPD screening monitor

The copd-6™ usb links to your PC to produce electronic and hard copy PDF reports for archiving or printing. The reports include:

- Single page record for screening or monitoring
- Various report options
- Optional subject ID and name fields (weight field optional)
- Ability to add comments to the report
- Age, height, gender, device ID, time/date fields automatically populated
- Predicted values, 3 test results, best test, % predicted and lung age automatically tabulated
- Obstructive index and COPD (GOLD) Classification
- BMI calculated
- Blow quality indicator
- Interpretation of results

Order Number: 40450
Vitalograph asma-1
Electronic asthma monitor

The Vitalograph asma-1™ is an easy to use, yet sophisticated, electronic asthma monitor that makes the monitoring of asthma simpler and more accurate than ever before. By measuring FEV₁ as well as peak flow, the asma-1 gives a clear picture of lung health. The asma-1 stores up to 600 test sessions and automatically assesses test quality.

- Measures FEV₁ and PEF
- Child version measures PEF, FEV₁, FEV₀.₅ and FEV₀.₇₅
- Simple to use
- Large, easy to read display
- No need for record cards
- Quality of blow indicator
- Suitable for multi-subject use with standard size SafeTway mouthpieces
- Uses long life AAA batteries
- Variants with communications capability available

Order Number: 40000

Vitalograph asma-1 usb
Electronic asthma monitor

The asma-1™ usb links to your PC to produce electronic and hard copy PDF reports for archiving or printing. The reports include:

- Subject ID and name
- Age, height, gender and optional weight field
- Best PEF and FEV₁ fields automatically populated
- BMI calculated (from height and weight)
- Personal best FEV₁, PEF and zones as set in asma-1
- Indications of blow quality, number of blows and diurnal variation
- Device ID automatically transmitted with the data
- Ability to add comments to the report
- Trend graphs of FEV₁ and PEF
- Optionally separate graphs of am and pm sessions
- Information presented in tabular and graphical form
- Time/date stamp for each session

Order Number: 40400
Peak Flow Meter asmaPLAN
and Peak Flow Meter asmaPLAN+

The simple, accurate way to monitor asthma

The patented dual colour sliders on the asmaPLAN+ define the management colour zones set by the healthcare professional for the asthmatic to follow.

- Accurate
- Compact, lightweight and portable
- Robust and hardwearing
- Features comfortable integral mouthpiece
- Easily read scale markers
- Conforms to peak flow standards including EN ISO 23747:2007
- Suitable for adults and children
- Suitable for multi-subject use with SafeTway mouthpieces

Order Number: 43600 Peak Flow Meter asmaPLAN
Order Number: 43800 Peak Flow Meter asmaPLAN+

Monitoring asthmatics

Vitalograph lung age

A motivational tool for smoking intervention by healthcare professionals

The Vitalograph lung age is a motivational tool for smoking intervention by healthcare professionals.

- Quick and simple to use
- Interprets lung age to help illustrate the impact of smoking on the subject’s lungs
- Measures FEV₁ and displays FEV₁ as a % of predicted values
- Colour zones indicate abnormality level
- Automatically calculates the best FEV₁ from multiple blows
- Can be used with SafeTway mouthpieces
- Easy to clean flowhead
- Language independent
- Can be custom branded

Order Number: 40500

Smoking cessation
Vitalograph lung monitor

For simple, accurate lung function monitoring at home

This easy to use home monitoring device is designed to record key lung function parameters for those with respiratory conditions including cystic fibrosis and transplant patients.

- Measures FEV₁, FEV₆ and the ratio
- Displays % of personal best FEV₁
- Suitable for multi-subject use in clinic with SafeTway mouthpieces
- Simple to use with a large, easy to read display
- Electronic record – no need for record cards
- Stores 200 test sessions
- Automatically stores best values in a test session
- Quality of blow indicator
- Easy to clean flowhead
- Uses long life AAA batteries
- Meets ATS/ERS:2005 Spirometry Guidelines
- Variants with communications capability available

Order Number: 40550

Vitalograph lung monitor usb

For simple, accurate lung function monitoring at home

The lung monitor usb links to your PC to produce electronic and hard copy PDF reports for archiving or printing. The reports include:

- Subject ID and name
- Age, height, gender and weight fields optional
- Best FEV₁, FEV₆, FEV₁/FEV₆ ratio and FEF automatically populated
- Personal best FEV₁ set in the lung monitor
- Device ID and time/date fields automatically populated
- BMI calculated
- Blow quality and number of blows indicated
- Ability to add comments to the report
- Uses long life AAA batteries
- Information presented in tabular and graphical form
- Report headers can be customised

Order Number: 40700

Monitoring cystic fibrosis and transplant patients
Medical Device Services

All medical devices should be serviced annually to the manufacturer’s guidelines. This is particularly important for measuring equipment to keep the certificate of calibration current. Vitalograph specify planned preventive maintenance (PPM) service for all their products and offer annual checks for a wide range of medical devices.

Vitalograph Precision Syringe

Spirometry guidelines jointly published by the European Respiratory Society and the American Thoracic Society advocate the use of a 3-L precision syringe for daily accuracy checks. Vitalograph has designed an extremely accurate, robust and lightweight 3-L precision syringe to give you the ultimate confidence in your spirometry measurements.

- 1-L volume syringe also available
- Accurate, robust and lightweight
- Can be used with other manufacturers’ equipment

Order Number: 36020 (3-L)
Order Number: 20408 (1-L)