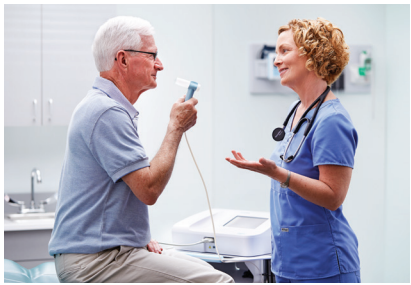


Welch Allyn®
Cardiology Suite and
CP150 Spirometry options

Perform two tests with one device.
See page 109 for pricing and specs



Vitalograph Alpha

The next generation touchscreen diagnostic desktop Spirometer

Whether you are testing on the go, remotely or in a clinic, the Alpha is the ultimate desktop spirometry solution.

- The updated test quality grading system and live testing prompts give you the power to get the best quality results possible.
- Supports Full Feature Spirometry Testing and Bronchodilator Responsiveness Testing
- Quickly evaluate results using GLI predicted equations with LLN, %Pred and Z-scores.
- Gives highly accurate, robust and stable flow measuring technology
- Low running costs: no need for costly disposable sensors, turbines, spirettes or flow tubes.
- Automatic interpretation based on ATS/ERS & GOLD standards.
- Free 5-year warranty with Alpha product registration.

Keep up to date

Vitalograph Device Studio not only generates PDF reports but also receives the latest firmware updates.

Ensure accuracy

The Alpha features quick and easy calibration verification routines as recommended by 2019 ATS/ERS spirometry guidelines.

Versatile Reporting

Get instant spirometry reports with the fast integrated printer or via Vitalograph Device Studio.

\$4750

ECO69002



NEW

Spirolab® 4

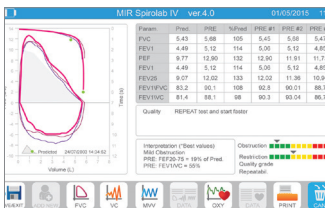
Fast, simple, durable diagnostic spirometer

- User interface is based on new icons designed by communication experts
- 7" display, 800x480 pixel, capacitive touch screen
- Highly durable, easy to clean, resistant to scratches, waterproof display
- WinspiroPRO® PC software included
- Wireless Real Time test on PC via Bluetooth
- Database up to 10,000 Spirometry tests
- Fast and silent built-in printer with customisable printout format
- Long life Rechargeable Battery
- Spirometry test: FVC, VC, IVC, MVV, PRE/POST Bronchodilator comparison with a wide range of selectable parameters.
- Elegant and robust carrying case included
- Best Practice & Medical Director compatible
- Use FlowMir® Mouthpieces - no need for calibration
- 12 month warranty

\$3795

ZON911080D10

Each function can be activated by a simple touch on the intuitive bar menu always present on the screen



Spirolab - the 4th Generation

All in one portable Desktop Spirometer



1YR warranty

Mouthpieces
Paper

ZON910004
SPIPAP590



Spiroclinic Pro

Professional Clinic Ultrasonic Spirometry Platform

With its smart dock weather station, the Spiroclinic Pro provides a professional state-of-the art ultrasonic spirometry experience. The most clinically accurate portable spirometer.

Spirometry Simplified

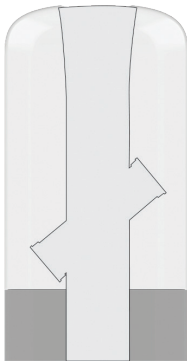
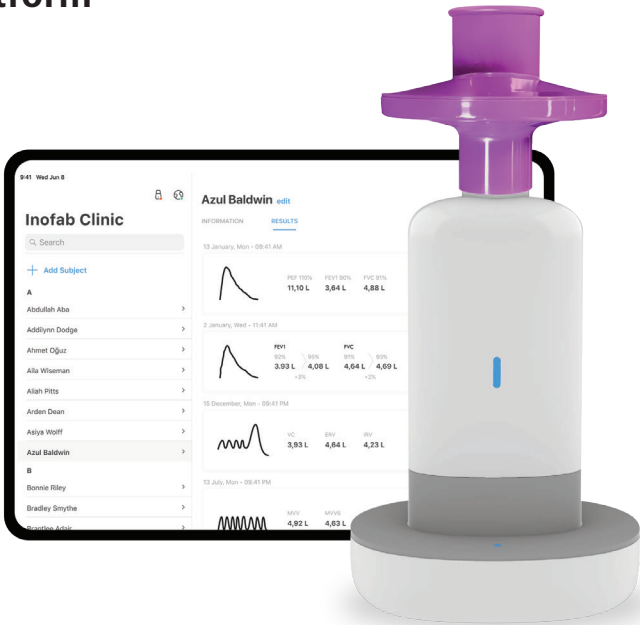
Equipped with an extensive range of measured parameters and graphical data, healthcare professionals can make accurate diagnosis and comprehensively evaluate treatment efficacy.

Intuitive app, Error Code Detection, Session Grading, EHR Integration Options, Export and Share Data

Available on Multiple Platforms

Download the SpiroClinic App on devices running Windows, iOS and Android. The SpiroClinic App simplifies spirometry for both patients and doctors with real-time feedback, error code detection, and session grading. An unlimited number of patients can be registered to one SpiroClinic App account.

The Future of Clinical Spirometry



Ultrasonic Technology

Re-calibration-free technology with unparalleled accuracy even at slow flow rates. Power the system for up to a year using only standard AA batteries.



Smart Doc

Auto-senses temperature, humidity, pressure, device connectivity and more. Patent-pending technology.

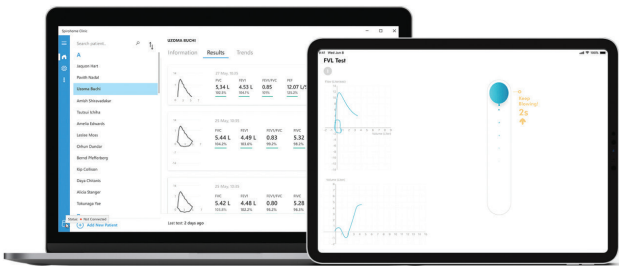


Test and Toss

Reduce any contamination risk and keep your patients safe by using single-use bacterial-viral filters (BVF).

\$1945*

BHCSPIROPRO1



Get all the specs!

Take a closer look at the future of Clinical Spirometry





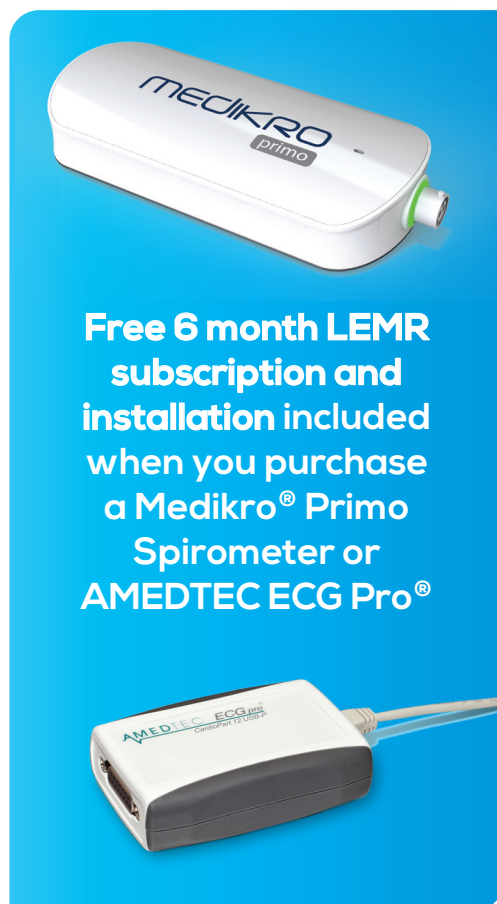
**LEMUR MAKES IT EASY TO
INTEGRATE PRIMARY CARE
DEVICES INTO YOUR EMR!**

LEMUR is the solution that easily integrates your primary care devices such as ECGs and Spirometers into your EMR. Test results and patient details are automatically saved within your EMR program.

- Fast, efficient and seamless link between your EMR and medical devices
- Includes expert support for connected devices and integration
- Prevents integration break down; greatly reducing IT issues
- Simplified operation to improve practice workflow
- Decreases risk of human error
- Clinical data is secure: encrypted in transit and at rest
- Meets Australian privacy, data security and practice accreditation standards
- 100% Australian owned and operated company
- All data stays in Australia
- LEMUR supports Remote Desktop and Citrix IT environments

LEMUR currently supports integration with the following EMR systems:

✓ MedicalDirector Clinical ✓ BP Premier ✓ Zedmed



**Free 6 month LEMUR
subscription and
installation included
when you purchase
a Medikro® Primo
Spirometer or
AMEDTEC ECG Pro®**

**Pricing starts from \$50 + GST per month
with support for two devices.**



LEMUR's online services are proudly hosted by Serversaurus: a Certified B Corp with legendary all Australian-based operations and infrastructure - <https://serversaurus.com.au/>



LEMUR is a product of ThinkSmart Health Pty Ltd. Copyright 2022.

Scan this QR code for
more information



Customer Feedback LEMUR

"We have an AMEDTEC ECG Pro and Medikro Primo Spiro in our practice. Both devices are easy to use with great software. Having LEMUR makes them even easier to use as it completely integrates with our EMR Software, BP Premier. LEMUR and our ECG and Spirometer operates better than I expected."

Tiffany - Hamilton Health Hub





- ▶ **LIFETIME WARRANTY**
- ▶ **LOW COST OF OWNERSHIP**
- ▶ **BONUS ONLINE COURSE**
- ▶ **INTUITIVE SOFTWARE**

Medikro® Primo PC-Based Office Spirometer

The Medikro Primo is a professional and efficient PC-based Spirometer designed for primary care.

- Patient safety through disposable flow transducers providing security in infection control
- Better diagnosis through advanced analysis and multiple calculations of results
- Better patient outcome through tracking development of variables, treatment effects and modifications
- Patient progress reports saved automatically ensuring better tracking
- Comes with full coal mine testing software parameters
- Best Practice compatible
- Measures: SVC, FIVC, FVC+FIVC and FIVC
- 91 measured parameters/variables
- **Lifetime Warranty**

\$1395

RRP \$1495
BIRM9492

BONUS OFFER

**6 Month LEMR Subscription
and Installation
Valued at \$580**

**Learn Spirometry Course
Valued at \$500 + 30 PRPD
Points**



For more
information
download the
product brochure
from our website



BONUS ONLINE SPIROMETRY COURSE - VALUED AT \$500 + 30 PRPD POINTS

Learn Spirometry equips health professionals with the skills required to conduct and interpret spirometry as well as identify poor quality spirometry and implement QA programs to achieve accurate results.

- Apply good spirometry testing practice in accordance with international guidelines
- Identify and overcome instrument and patient-related problems interpret results

Completion of 8 modules, all resources and assignments: 10 CPD hours

The Online Spirometry Course – Spirometry Training Professionals = 30 PRPD Points

Included with Medikro Spirometer Purchase



www.learnspirometry.com

Syringe Validator Service

Enquire today for
discount on
multiple syringes

**HANS
RUDOLPH**

Bird Healthcare is now offering syringe validation locally using Hans Rudolph technology.

Validation services include a calibration report and cover a wide range of volume calibration syringes:

- Medikro (SpiroScore)
- Welch Allyn
- Hans Rudolph
- nSpire
- Vyair (CareFusion)
- NDD
- Cosmed
- Vitalograph
- Cortex

Maintain quality assurance
and compliance important
for laboratory accreditation

CERTIFICATE OF CALIBRATION					
Customer XX Hospital			Unit Under Test 3000 mL VOLUME CALIBRATION SYRINGE Manufacturer: Hans Rudolph, Inc. Serial Number: 123-45678 Certificate #: C118-0012-18000267		
Volume Calibration/Verification Data				Test Conditions	
Syringe Volume Setting	Measured Volume (mL)	Range (mL)	Error (mL)	Status	
3000.00	2997.251	0.430	-2.749	PASS	Technician: G33AD Date: 3/09/2021 Air Temperature: 21.3°C Barometric Pressure: 775 mmHg Strokes Averaged: 3 Allowable Range: 1.5 mL Volume Tolerance: 3.0 mL Leak Test Pressure: 20 cm H ₂ O Leak Test Duration: 30 sec. Leak Tolerance: 1.0 mL/min Volume Test Status: PASS Leak Test Status: PASS
Leak Test Results					
Test Setup	Chamber Volume (mL)	Target Leak (mL/min)	Actual Leak (mL/min)	Error (mL)	Status
Full	3000.0	0.0	0.08	0.08	PASS
The test standard has been calibrated per ASTM specifications E 542-01.					
Calibration Device: Syringe Validator by Hans Rudolph, Inc. SN: 118-0012					



service@birdhealthcare.com
1300 365 561
www.birdhealthcare.com



BIRD HEALTHCARE

Medikro® SpiroSafe

Disposable Flow transducer

The Medikro® SpiroSafe flow transducer is a disposable pneumotach. With SpiroSafe there is no need for bacteria filters, sterilisation or additional cardboard mouthpieces. This increases patient throughput and saves operational costs. Every single flow transducer is individually verified for accuracy.

SpiroSafe is designed to increase safety by preventing patient-to-patient cross-contamination. SpiroSafe helps to protect the environment by producing up to 78% less waste than standard bacteria filters. Medikro disposable flow transducers are made of polyethylene and can be disposed of by incineration without producing toxic emissions.



FILTER SOLUTION AVAILABLE ON P.123

	Box/90	\$315.00
BIRM9256	2+	\$300.30

SpiroScore+® Calibration Syringe

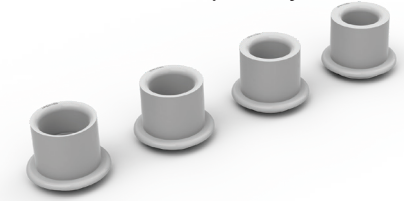
- Meets or exceeds all the latest ATS/ERS recommendations
- Versatile aluminium alloy guarantees a long product lifetime
- Easy to use and maintain
- Unique design ensuring a stable calibration process & prevents rolling

\$695 BIRM9474



Medikro® Universal Adaptor Set for Calibration Syringe

SpiroScore+ syringe adapters for universal device compatibility



\$89* BIRM91175

The Grip Nose Clip



BIRM9277 \$1.50

Medikro® Pressure Tube



BIRM9264200 \$55.50

Medikro® Mouthpiece Grip



BIR91227 \$53.80



Important Update from the Thoracic Society of Australia and New Zealand

The Thoracic Society of Australia and New Zealand Risk mitigation for exposure to SARS-CoV-2 during pulmonary function testing states: 'Use of antibacterial/antiviral filters in breathing circuits is a standard practice for Pulmonary Function Testing (PFT) laboratories in Australia and New Zealand, and should be used in all settings where PFTs are performed to prevent contamination of equipment and cross-infection of patients. In the context of COVID-19, use of inline filters in PFT breathing circuits has been recommended as a minimum risk mitigation strategy.'

The comprehensive Suregard Filter range is the most clinically effective filter on the Australian market. Don't risk the health and wellbeing of your patients and staff by using a spirometer without a filter. By using Suregard filters for your spirometry testing, you'll reduce risk by upholding the highest infection control standard in your clinic.

Reference: Pulmonary function testing during SARS-CoV-2: An ANZSR5/TSANZ position statement, endorsed by the Thoracic Society of Australia and New Zealand Board, updated on 18/07/2022, accessed 20/08/2022 <<https://onlinelibrary.wiley.com/doi/10.1111/resp.14340>>



SCAN FOR MORE INFO



Spirometer/Peak Flow Mouthpieces

Mouthpieces Plain Cardboard	Inner Ø	Code	Unit	Price
Vitalograph Adult	27.5mm	DKS80MGC00017	Box/200	\$71.40
Cosmed Pony Adult	28mm	DKS80MGC00023	Box/200	\$51.60
Vitalograph Child /Cosmed Pony Child	19mm	DKS80MGC00018	Box/200	\$93.50
Microlab	27mm	BIOPSA1000	Box/500	\$141.30

Mouthpieces One-Way	Inner Ø	Code	Unit	Price
Microlab mouthpieces One-way	27mm	BIOSST1000	Box/250	\$157.00
SafeTway (One way valve) mouthpieces	27mm	ECO20242	Box/200	\$268.40

Disposable Turbine Mouthpieces / Flow Transducers	Code	Unit	Price	2+ Price
QRS Orbit/ Spirocard mouthpieces	CRIZ502608	Box/50	\$277.10	
FlowMir Disposable Turbines mouthpieces	ZON910004	Box/60	\$283.50	\$264.25
Medikro SpiroSafe flow transducer	BIRM9256	Box/90	\$315.00	\$300.30
Welch Allyn CP150 Flow Transducers	WA720705	Box/25	\$143.85	
Spiroflow mouthpieces for Spirostik spirometer	CRI1040	Box/100	\$477.90	
EasyOne Spirettes	NICD20501	Box/50	\$300.60	
Generic Spirette (Compatible with the Ndd EasyOne and the Ganshorn SpiroScout)	BHC01942062050	Box/50	\$163.15	



Can't find the right filter for your device? Visit our website or call our team, if we don't have it we can source it for you.

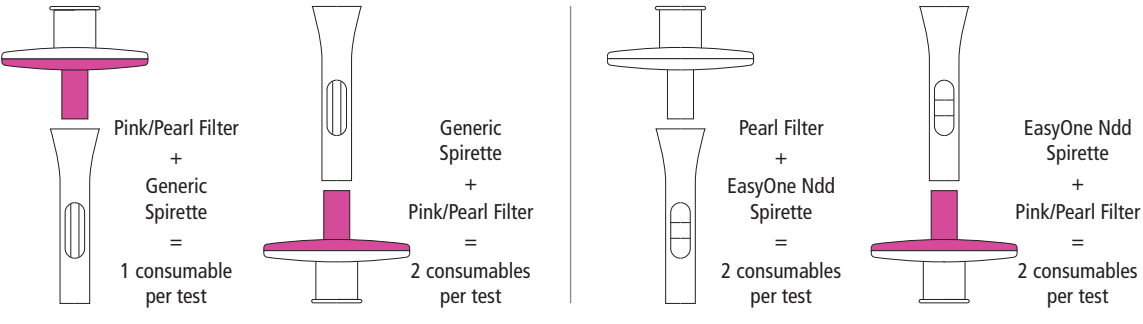
Generic Spirette

Compatible with the Ndd EasyOne and Ganshorn SpiroScout

BHC01942062050
Box/50 \$163.15



There are a number of filter options possible if you use a Ndd EasyOne Spirometer or the Ganshorn SpiroScout. Talk to your rep to see which options works best for you.



Other Bacterial Filters

Mouthpieces Bacterial Filter	Code	Unit	Price
Microlab, Microloop, MicroUSB, Cosmed Pony	BIOV892386	Box/50	\$151.35
Vitalograph	ECO28350	Box/50	\$198.65










Suregard Spirometry Mouthpiece Filters

Suregard® Filters are an Australian owned and manufactured product by Bird Healthcare.

Suregard Filters are a highly effective filter barrier device, proven to filter out pathogens as small as 0.06 - 0.2microns. Providing both technicians and patients with optimal protection from cross contamination and infection.




Colour	Spirometry Unit		Code
Pink		Medikro*, Welch Allyn*, Fukuda, MIR with a Re-usable Turbine (goes into reusable turbine).	BHCRJVKB1
*Medikro and Welch Allyn Require a Reusable Connector			
Green		MicroLab, MicroLoop, SpiroUSB, Carefusion, MicroMedical, Spider USB, SpiderXDpert, Vitalgraph Spirometers.	BHCRJVKB4
Purple		QRS SpiroCard and Orbit (goes over the disposable QRS mouthpiece), MIR Spirometers (using a disposable Turbine - goes over the disposable mouthpiece)	BHCRJVKB2
Pearl		Ndd Spirometer, Easy One Spirettes (Goes into mouthpiece end of round spirette)	BHCRJVKB7
White		CosMed Pony and CosMed MicroQuark	BHCRJVKB9



RRP \$89.00

Box/25 **\$86.55***

Clinically validated for Bacterial and Viral filtration of 99.99% at full spirometry flow rates

Pink/Pearl		Compatible with the Ndd Spirette and generic Spirette Easy One Spirette (exhaust) Generic Spirette (patient end and exhaust end)	BHCRJVKB14 Box/100 \$326.25
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Spirometer Paper & Printer Ribbon

Spirometer Paper/Ribbon	Code	Unit	Price
Paper for Pony Graphic 57mm	SPIPAP510	Each	\$6.30
Paper for Fukuda ST75 58mm	SPIPAP520	Each	\$15.40
Paper for Microlab 110mm Thermal	SPIPAP505	Roll	\$18.25
Paper for Pony FX 112mm	SPIPAP550	Each	\$9.90
Paper for Vitalograph Alpha	SPIPAP560	Roll	\$56.00
Paper for Spirolab 112mm	SPIPAP590	Roll	\$13.90
Paper for Welch Allyn 110mm x 30m	SPIPAP595	Roll	\$13.90
Printer Ribbon ERC-09	DHTERC09	Each	\$22.95

