



The Datrend products are designed and produced Canada where the company has been placed since 1991. Datrend has specialized in developing and manufacturing biomedical test equipment and

has a wide product line of innovative patient simulators and analyzers. Datrend's products are renowned world-wide and are designed with a specific focus on ease-of-use with the possibility of setting up advanced testing environments for documentation and validation of biomedical equipment.



vPad-ES & vPad Rugged 2

New and innovative electrical safety analyzer with Datrend's Vision-Pad technology

- IEC62353 / IEC60601 / AAMI ES1 / AS3551
- Simple user interface – controlled by a 10" tablet with icon-based test functions
- Large touch screen – optional connectivity for external mouse and keyboard
- Automatic test sequences
- Internal memory – "unlimited" test results can be saved (32GB memory)
- Interface – transfer test data to PC by USB or wireless (WiFi & Bluetooth)
- Printout – Print wireless or via USB
- Build-in ECG simulator with arrhythmias
- Android based
- Medusa Integration (option)



vPad Rugged 2 is perfect for "fieldwork" or for the mobile workspace as it is very durable and rugged and comes in an impact proof carry case.



Optimize your vPad with one of the many innovative vPad apps
- Go to your local Secma site to learn more

vPad Mini

Small rugged manual safety analyzer

- IEC62353 / IEC60601 / IEC 61010 / AAMI-ES1 / NPPFA 99
- Easy to use
- High resolution LCD display with touch
- Applied part testing including mains on applied parts
- Portable and lightweight





vPad-IN

Next generation infant incubator & radiant warmer testing system

- IEC60101-2-19 / IEC60601-2-21
- Test of incubator & radiant warmer
- Simultaneously measures humidity, airflow, sound, and 6 different temperatures
- All sensors are independently movable, to be placed in positions required to meet with standards
- Wireless control via tablet
- Auto sequences
- Android based
- Tablet included



vPad RF

The smallest full-featured analyzer for testing Electrosurgical Units (ESUs)

- Digital signal processor (DSP) enables accurate testing of all ESU makes and models, continuous and pulsed-waveforms
- Integration of ESU testing with HF digital storage oscilloscope and spectrum analyzer functions provides three pieces of test equipment in one
- Multi-pulse analysis averages measurements from multiple RF pulses, reducing errors caused by analyzing pulses in isolation
- High powered RF load provides settings required for all IEC 60601-2-2 tests, including Covidien ForceTriad maintenance procedures
- Wide measurement range – up to 8.5A
- Pre-Configured OEM Preventive Maintenance automated procedures for most major manufacturers
- Works with vPad safety analyzers and automation apps



vPad-IV

Modular based infusion pump tester with up to 6 individual test channels

- Conforms to all IEC 60601-2-24 test requirements for Infusion Pumps and Pump Controllers
- Modular, expandable system can be arbitrarily configured as 1 to 6 channels
- Completely independent channels enable differing tests and inspections to be executed simultaneously
- Automatic or Manual Flow, Piggyback/KVO, PCA Pumps, and Occlusion Pressure tests
- Automated test setups provide user-defined pass/fail conditions
- User-managed test sequences combine PM Checklists and Automated Testing
- Large 10" high-resolution LCD touch screen
- Integrates with existing vPad platform
- Full-range class-leading accuracy from 0.1 – 3000 ml/hr



New

vPad - A1 "All in One"

Multipurpose patient simulator with Vision-Pad technology

- 12 lead ECG including 60 arrhythmias
- Neonatal mode
- NIBP simulation
- 2 channel invasive BP simulation
- Temperature and respiration simulation
- Pacer simulation
- Cardiac output
- SpO2 simulation - including Masimo rainbow simulation
- Auto sequences – can be configured to match you needs
- Test reports – can be generated directly on the device
- Android based controller unit with touch
- Communication via Bluetooth, WiFi or USB



Datrend
warranty

A warranty always comes with your Datrend purchase.

Datrend products carry up to a five year warranty* on legacy products and up to two years* on vPad products. The warranty requires a yearly service check/calibration at Secma.

*If service is carried out by 3rd party, the warranty no longer applies.



FMS-3

Hand held fetal simulator

- Large display with backlight
- Easy to use
- Powered by included AC adapter or a single 9V battery
- Test of ECG and ultrasound & TOCO simulation
- Optional mechanical fetal heart

ES601

Advanced electrical safety analyzer with touch screen.

- AAMI-ES1 / VDE-0751 / IEC62353 / EC601-BAT / AAMI-Bat / VDE-Bat / TR353-BAT / IEC61010 / IEC60601
- Simple user interface – Large and clear display with touch
- Internal memory – Up to 500 test results can be stored
- Automatic test sequences
- Printout – print directly to a printer
- Reports – Software included for transfer of test results
- Documentation – Barcode reader connection
- Medusa Integration (option)



VenTest

Compact, portable and easy-to-use device for testing ventilators and anaesthetic delivery systems

- 7" capacitive widescreen display with LED backlight
- Intuitive graphical operating interface for measuring device
- FlowSense bidirectional airflow sensors (± 300 l/min or ± 12 l/min)
- Automatic flow sensor detection
- 2 measured curves displayed simultaneously
- 1 numeric parameters displayed, freely configurable
- User configurable test setups
- SD card or USB external memory
- Wireless, Ethernet, and PC network connectivity
- Report formatting and printing
- Data logging
- Option: Oxygen measurement
- Option: Anesthetic gas measurement



Secma
support

Do you know the Secma Support-team?

At Secma we have a Service- and Support-team ready to guide you in any product-related question you might have in relation to the products we distribute. Get more information on the Secma Support-team on your local Secma website.

Defi-tester Phase3

Defibrillator tester with build-in handle – easy to transport

- Test of monophasic, biphasic and pulsed multi-phased defibrillators
- Test of all AED's
- Accuracy – better than 1% on all defibrillators
- Build-in rechargeable battery – up to 24 hours of battery life
- Internal memory – up to 80 test protocols
- Reports – PC software included for transfer of test results
- Medusa integration (option)



Phase 3 VLM

Variable load modul

- IEC 60601-2-4 / AAMI DF-80
- Variable test loads from 25 -175 Ohm



Oxitest

Hand held SpO2 simulator with exclusive Nellcor sensor port

- Up to 40 hours of simulation on build in rechargeable battery
- Build in algorithms for test of all major brands of SpO2 manufacturers
- Easy to use
- LCD display
- Easy configuration of presets for 5 saturation rates, 6 heart frequencies & 4 amplitudes
- Signal artifact simulation

AMPS-1

Advanced modular patient simulator

- 12 lead ECG
- Neonatal mode
- Arrhythmias
- Pacemaker waveforms
- Respiration simulation
- Temperature simulation
- Optional cardiac output & fetal heart
- Optional expandable with up to 4 electrically isolated BP channels incl. Swan-Ganz simulation



TSI is an American owned and based company with over 50 years of experience with developing quality test equipment for flow measurements. The company daily occupies over 500 employees worldwide and are reputed to be amongst the top manufacturers within the industry.



Secma is a certified TSI Gold Sales Partner.

5000 Series Flow Meters

All-in-One Flow Meter - all the measurements you need in one small and compact device

- 6 types of measurements: temperature, absolute pressure, volume, low differential pressure and humidity
- Range, 5200 low flow models 0-30 L/min.
- Range, 5300 high flow models 0-300 L/min.
- Up to 4 types of measurement readings simultaneously
- Multi-connection options with user-configurable tube ends
- Built-in data logger - export via USB or via FLO-Sight™ software
- Large colour touch-screen display
- Fast and accurate, 4ms bi-directional flow response time
- High accuracy and low pressure drop



Flow Analyser FA+

Full-feature system capable of testing virtually all models of ventilators

- Color touch screen graphical user interface
- Real-time graphing mode
- Bi-directional flow measurement
- Data storage using SD Flash card and internal memory
- Access stored data through USB interface
- Report printing capability
- Rechargeable battery plus AC operation



TSI
warranty

A warranty always comes with your TSI purchase.

TSI products come with a standard 1 year warranty*. We recommend, that you get the product serviced/calibrated once a year at Secma in order to prolong the life-time of the product and maintain measurement precision.

*If service is carried out by 3rd party, the warranty no longer applies.

Pronk Technologies were founded in America in 1998 in USA and has a vast experience with designing and manufacturing biomedical test equipment as well as simulators designed especially for "field work". Pronk Technologies specializes in small and easy-to-use testers that are extremely mobile and durable.



FlowTrax

Complete infusion pump analyzer in mini format

- Simple in use
- Flow measurement
- Volume measurement
- Pressure measurement
- Build in timer
- Temperature measurement of fluid (YSI-400 port)
- Adjustable back pressure
- Can operate on battery power via 2 x standard AA batteries
- Power supply and carry case included

SimSlim SL-8

Multifunction patient simulator in "pocket size"

- Single button operation
- Up to 10 year of battery life on built in battery, without need for charging or replacement
- 12 Lead ECG
- 8 Heart frequencies
- 10 Arrhythmias
- 8 Respiration simulations
- 4 Invasive BP channels
- 7 static IBP's
- 3 Cardiac outputs
- 6 temperatures (YSI 400 & 700)



EasySim

Small educational patient simulator*

- Easy to use via the remote control
- Up to 5 year of battery life on built in battery, without need for charging or replacement
- 12 lead ECG
- NSR
- Tachycardia, Bradycardia, ST segment +/- 1 mm
- ECG rates: +/- 10 BPM
- PVC: Couplet, Run, Pause VTach, VFib, Asystole Bigeminy, Trigeminy, AFib
- Atrial Flutter, 1st, 2nd, 3rd Degree Blocks
- Pacer
- Muscle and Baseline Noise
- Respiration rates
- Invasive BP
- Cardiac output

*Only for educational use



Test kit SimCube + OxSim

Complete mobile test kit including SimCube & OxSim simulators

- Delivered in a small and handy carry case, that you can easily and safely transport around
- Standard accessories: Extra battery module for up to 200 NIBP simulation on 4 AA batteries – complete kit of NIBP adapters and patented cuff sleeve.
- Different options of combining simulators in a test kit to fit your specific needs.

Pronktech OxSim Flex OX-2

Next generation of the world's smallest SpO2 simulator

- Small and rugged, drop tested from 1 meter
- Complete control of simulations
- Saturations in 1% increments (10-100%)
- Pulse rates in 1 BPM increments (25-240)
- Create custom preset simulations for faster Alarm Testing
- Perfusion Index levels in 1% increments (10-100%)
- Masimo Rainbow SET® Compatible
- Automatic detection of SpO2 Manufacturer
- Color Display – OLED Technology and only 0.14 kg (excluding battery)
- Fast and Accurate
- Battery Operated – minimum 10 hours + Power Save Mode
- Rugged: Polycarbonate housing. Drop tested 65 times from a height of 1m to a hard surface with no failures!
- Field-upgradable Software



Multifunction patient simulator SimCube SC-5

Small "all round" patient simulator with manometer and leakage testing

- Adult (120/80 mmHg), Neonatal (70/40 mmHg), Hypertensive (190/120 mmHg), and Hypotensive (80/40 mmHg) NIBP Simulations
- Digital Manometer & 12-lead ECG Simulation
- Arrhythmia & Respiration
- Invasive Blood Pressure (IBP) Dynamic values (120/80, 70/40, 190/120)
- 7 static IBP values (0, 25, 50, 100, 150, 200, 250)
- Heart Rate/Respiration sequence & Pacer
- Over Pressure (Peak Detect) Test mode measures the peak pressure produced by the patient monitor. The readout latches the highest pressure value sensed, in 0.1mmHg steps.
- Leak Rate Test Mode
- RS232 option for full control of simulations via PC terminal programme

Pronk
Technologies
warranty

A warranty always comes with a Pronk Technologies purchase.

Pronk Technologies products comes with up to 4 years warranty*. To maintain the warranty, you need to have a yearly service/calibration check by Secma.

*If service is carried out by 3rd party, the warranty no longer applies.

Remember to get your Secma Service Agreement

A Secma Service Agreement consists of a thorough maintenance check of your equipment with or without spare parts and hourly rates. To make it easy for you, we have 3 levels of Service Agreements - that way, you can select the one best suited for your needs.

SPECIFICATION OF SERVICE AGREEMENTS	BASIC	MINI	MAXI
Periodic maintenance check	X	X	X
Repair service	**	X	X
Spare parts	**	**	X
Cost of shipping & transport	X	X	X
Implementing modifications recommended by manufacturer	X	X	X
Updating supplied software	X	X	X
Telephone & remote support	X	X	X

** Not included, however a 20% discount will be deducted on price of spare parts and hourly rates connected with any services rendered in this regard

Get your Service Agreement now

**Contact
Secma**

» With a Secma Service Agreement you are provided with the most optimal solution when it comes to support and service of your equipment.

If you are in doubt of which Service Agreement is the best for you, please do not hesitate to contact us - as always, we are ready guide and assist you. «

- Michael Christensen, Service Manager

RMA - Return Merchandise Authorization

In order to secure the procedure when sending in equipment for service, maintenance, calibration etc., you will need to fill out our RMA form online. This way, we can timely plan and schedule your service needs for your equipment and have it quickly and correctly returned to you.

Remember to fill out and send us your RMA form online before shipping in your test equipment for calibration or service at Secma.

Find the RMA form on your local Secma website under Service > RMA

The image shows a screenshot of the Secma website. The top navigation bar includes 'PRODUKTER', 'SERVICE', 'SONOSITE INSTITUTE', and 'OM OSS'. A dropdown menu under 'SERVICE' is open, showing 'SERVICEMANUALER', 'TESTUTRUSTNING', and 'RMA'. The main content area features a banner for 'Unparalleled Clarity and Confidence - Introducing the new Sonosite PX' with a background image of a medical professional. Below the banner is the 'Secma Sverige RMA' form. The form includes fields for 'Apparat *', 'Serienummer *', and 'Felbeskrivning *'. It also has checkboxes for 'Kundtjänstföreläggning' and 'Bifoga dokument'. The 'Bifoga dokument' section has a 'Drop files here or Select files' button. The 'Faktura adress' section includes fields for 'Företagsnamn *', 'Org. nr. *', 'Inköpsnummer', 'Kontaktperson Namn *', 'Kontaktperson Telefon *', 'Adress *', 'Postnummer *', 'Ort *', 'Avdelning *', and 'Mail / faktureringsmail *'. At the bottom of the form is a 'Sökta RMA till Secma' button. In the bottom left corner of the screenshot, there is a blue circular icon with a white thumbs up gesture and a large blue checkmark.

