



Experience the Falcon

Making a Difference in Peripheral Arterial Diagnosis



Cart shown for illustration

We claim that the Falcon is in a class of its own, setting new standards in professional peripheral arterial diagnosis, and invite you to discover the difference.

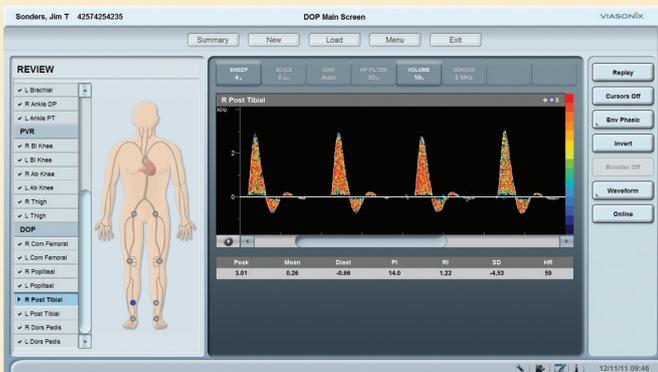


Falcon Product Family

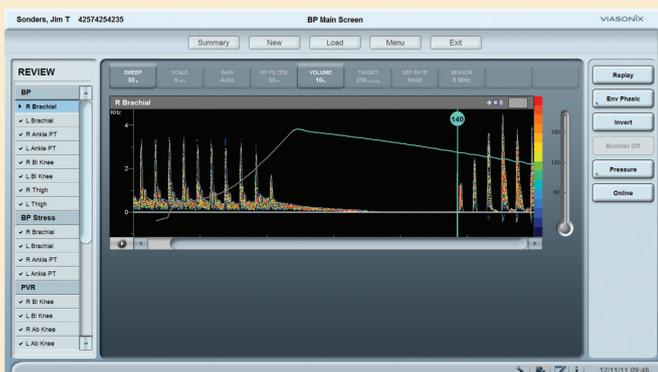
The Falcon product family provides a wide range of solutions for diagnosis of peripheral vascular disease. Everything you expect from an advanced state-of-the-art PVD medical system, and much more: up to 10 independent pressure channels, 3 different Doppler frequencies, up to 10 simultaneous PVR measurements, up to 5 simultaneous PPG measurements, an integrated skin temperature sensor, support for a variety of specialty tests, a variety of user controls, an extremely friendly yet fully configurable and sophisticated software, camera support, color-coded tubes, and much more. The Falcon product family is designed to meet a variety of needs, from the high-end Falcon/Pro, to the cost-effective Falcon ABI+.

PVD Diagnosis

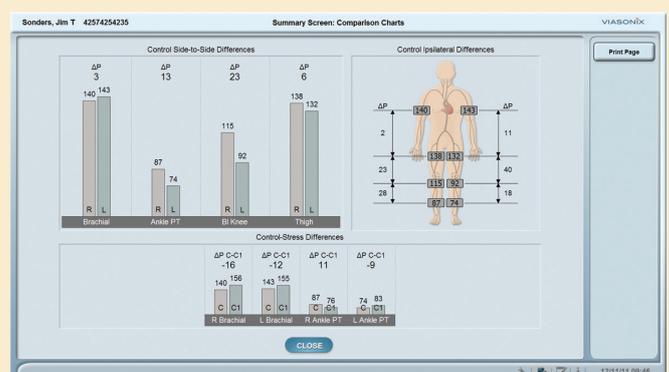
Peripheral Vascular Diagnosis is a standard non-invasive testing of patients with suspected peripheral vascular disorders. PVD examination is a re-imbursable procedure in most countries, providing valuable clinical information regarding the physiological and functional severity of the vascular disorders. Typical diagnosis includes measurements of segmental systolic blood pressure, Doppler blood flow, pulse volume recording (PVR), and photo-plethysmograph (PPG) recordings. In addition, a variety of specialty tests is available, including: Stress testing, venous reflux test, Maximal Venous Outflow and Segmental Venous Capacitance tests, Thoracic Outlet Syndrome, Palmar Arch tests, and screening of the Raynaud's syndrome.



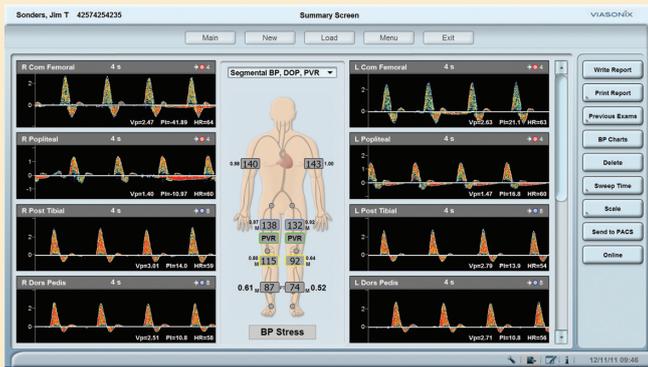
Doppler main screen



Blood Pressure Measurement main Screen



BP Comparison Charts



Summary screen

➤ Designed for Day-to-day Practice

Designed with examiners in mind, the Falcon is ideal for day-to-day practice, allowing complete, rapid, simple and user-friendly patient examinations. All protocols and most features and controls are user configurable, allowing to optimize system settings. Furthermore, each examiner can personalize a preferred user profile setting, and the system will default to these settings whenever the examiner operates the system. The measurements are displayed on a large screen which is easily visible from a distance, and most operations can be performed with a single NEXT button which guides the examiner through the complete protocol. Additional options allow the examiner to completely focus on the patient while performing a measurement rather than continuously trying to interact with the system. Fully configurable reports, with configurable report templates, allow to summarize the examination quickly. In addition, multiple language support allows the Falcon interface to be clear in your native language.



➤ Optimal PVD Diagnosis

The Falcon supports all standard vascular examination tests, and is designed to optimize the diagnostic process. Exclusive options are included, such as the 10 MHz Doppler probe which can help with difficult flow conditions, or the integrated temperature sensor that can help in the diagnosis of the Raynaud's syndrome. In addition, ultimate system flexibility allow to simultaneously measure blood pressure, PVR or PPG in multiple segments, which can significantly shorten the duration of the examination and allow controlled and optimized measurement settings. Colorful graphical displays immediately point out segmental regions of concerns and aid in the diagnostic process. In the comfort of your office you can review the complete patient database and replay the measurement process. The unique quality control measures that are supported by the Falcon allow you the capability to review the examination process and modify the measurements at any time.



➤ Ultimate System Flexibility

Whether the Falcon is to be used in the hospital or office, for standard examinations or sophisticated research, you will find the Falcon fulfilling your special requirements. The advanced Falcon design allows simultaneous measurements of variable tests (PVR, PPG, pressure, Doppler); Data export in multiple formats (including raw data); configurable test reports; and much more. Explore the Falcon to reach new horizons.

Discover the Falcon, setting new standards in peripheral vascular diagnosis.

➤ Falcon product family comparison

Feature	Falcon/Pro	Falcon/Quad	Falcon/ABI+
Independent pressure channels	10	4	4
Doppler probes	4, 8, and 10 MHz	4, 8, and 10 MHz	-
Simultaneous PVR measurements	10	4	4
PPG channels	5	4	4

➤ Basic Specifications:

Size: 34x31x9.5 cm

Weight: Under 5 kg.

Power: 12 VDC

Recommended Display: 19"-23" wide touch screen

Display Resolution: High Definition support

Controls: Remote control, Foot switch, Key board, Mouse, Touch screen

Operating System: Windows XP, 7, 8

Temperature Sensor: Integrated sensor

Air Tubes – Color coded

Specialized Tests: Stress, venous reflux, MVO/SVC, thoracic outlet syndrome, palmar arch, Raynaud's

Simultaneous Measurements: Up to 10, any test combination (4 for Quad and ABI+)

Pressure Deflate Rates: Variable, User controlled

Doppler Spectrum: 16 colors, variable palettes, 256 point FFT

Workstations: Unlimited station support

Offline Review: Complete review of measurements, including blood pressure

Doppler Replay: With full Doppler spectrum and audio

Examinations: One button control (Next)

Protocols: Unlimited, fully configurable

Save: Automatic

Summary Screens: Interactive

Profile Settings: Unlimited, user configurable

Export: PDF, BMP, JPG, Excel, VSX, DAT

Backup Storage: Any USB storage media or DVD

Backup Options: All database, delta from last backup, or according to selected search criteria

Reports: Fully configurable, user defined templates

Network: DICOM, HL7, MS SQL

Camera – USB and integrated camera support

Certified: ISO 13485:2003; CAN/CSA ISO 13485:2003; ISO 9001:2008

CE 0344, FDA K111416, Health Canada 89382



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