

Commodity Description

H.S NO	ITEM NO.	Description	Q'TY/UNIT	REMARK
9018.12-0000		Falcon Pro	1 Set	

A. FEATURES :

The Falcon Pro provides a wide range of solutions for diagnosis of peripheral vascular disease.

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 ehlp 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.

1) Specialized Tests: Stress Tests, Venous Reflux, MVO/SVC, TOS(Thoracic Outlet Syndrome), Palmar Arch Test, and User Defined Tests

2) Sites: Segments and Vessels, and Unlimited User Defined Sites

3) Summary Screens: Interactive

4) Examination Reports: Configurable, with user Defined Templates

5) Report Headers: Configurable, Support Institute Name and Logo

6) Air tubes: 10 Color coded

7) PPG Sensors: 5 Color coded

8) Pressure Cuff Sizes: Variable sizes - Digits and Toes, Brachials Ankles and Calfs, Thighs

9) Control Accessories: Wireless Remote Control, Foot Switch(Optional), Wireless Keyboard, Wireless Mouse, Touch Screen

10) Additional Accessories: USB Camera(Optional)

11) BP controls: Target P-ressure, Deflate Rate, Sensor Type, Gain, Scale, Sweep

12) Doppler controls: Scale, Volume, Gain, Sweep, Insonation Angle, Thump Filter, Color Palette, Velocity Units

13) PVR controls: Target pressure, Gain, Scale, Sweep, Filter

14) PPG controls: Gain, Scale, Sweep, Filter

15) Save: Automatic, Configurable Duration for Doppler and Unlimited for others

16) Simultaneous measurements: 10

- 17) Signal/spectrum Replay: Yes, Audio for Doppler
- 18) Spectrum colors: 16, Configurable
- 19) Cursors: BP and Venous Reflux Measurement Cursors, and 2 Vertical Signal Cursors
- 20) Display Grid: Yes
- 21) Protocol Support: Yes, Unlimited, User Configured
- 22) DICOM, PACS: Yes
- 23) Display Splitters: Available
- 24) Patient Details: Advanced, including medical history and patient status
- 25) Review Workstations: Yes
- 26) Doppler Parameters: Peak Velocity, Mean Velocity, Diastolic Velocity, Pulsatility Index, Resistance Index, Systolic to Diastolic Ratio, Heart Rate
- 27) Velocity Units: Cm/sec or KHz
- 28) Database Search: Advanced, based on Date, Patient Details, Status and Risk Factors, Insurance Information, Examination Type, and Physicians
- 29) Export: Screen Capture, Waveforms (Excel), Reports (PDF), Examination file (VSX)
- 30) Backup: All Database, only Examinations that were not previously backed up, or according to advanced search criteria.

B. SPECIFICATIONS :

1. PC (Mini PC)

- 1) I7 Intel CPU or More
- 2) 8GB Memory or More
- 3) 500GB HDD or More
- 4) 500GB SSD or More
- 5) 23" Full HD LED Touch Screen Monitor
- 6) Wireless Keyboard, Wireless Mouse
- 7) Window 11 Professional

2. Pressure

- 1) 10 Independent Pressure Channels
- 2) Range: 0 to 300 mmHg

3. Photoplethysmograph (PPG)

- 1) 5 Independent PPG Channels (Full Tests)
- 2) Sensor type : Miniature encapsulated solid state photo transmitter and receiver
- 3) AC and DC modes

4. Pneumoplethysmograph

- 1) 10 channels

5. Spectrum Analyzer

1) Standard

6. Doppler Probe

1) 8 MHz

7. Segmental cuff selector - Built in

8. Upgrade hardware - Yes

9. Upgrade software - Yes

10. Display : Large Wide-Screen

11. Computer : Mini PC

12 . Main Power Supply

1) 100-240V/50-60Hz, Max 1.5A

13. Dimensions & Weight

1) Dimension : 34.2 x 30.6 x 9.4 cm

2) Weight : 5 Kg

C. CONSISTING OF :

Falcon Pro (100-240V/50-60Hz, Max 1.5A) - 1 SET

- Main body
- 23" Touch Screen
- Mini PC
- Doppler 8 MHz – 2ea
- PPG Detachable Clip Sensor - 5ea
- Cuff set – 12ea
- Wireless Keyboard, Mouse (Local)
- Wireless Remote Control + Receiver (Wireless)
- Power Supply
- Monitor Arm (Local)
- Speaker (Local)
- Color Printer
- Cart (Local)
- Doppler, PPG Holder
- Color Coded Tubes - 10 Lines
- User manual
- Software
- Service manual (included all of circuits)

D. 보증기한 : 3년 [소모품은 별도]