



The MD35 is the Mobile physiological peripheral vascular system that is ideal for transporting the test to the patient via a van or car. You can build out the system to suit your practice including computerization. It is flexible, versatile and reliable. It is compact to meet your size constraints and can be computerized using your laptop or PC and printer. Compact size, light weight, and small footprint make it ideal to fit on a shelf in a self-contained lab, in a van or in carrying cases for grab-and-go to an office.

Included is a CW bidirectional Doppler with a bifocal lens for superficial and deep vessels, eliminating the need for two Doppler probes. The Doppler probe has controls for volume, waveform inversion and turning on/off the chart recorder on the handle, for your convenience. A photo plethysmography transducer and pneumo plethysmography are also provided. You can perform all of the standard peripheral vascular physiological tests with the MD35.

The MD35 has ten calibrated gain settings, selectable AC (artery) or DC (venous) coupling and a two speed chart recorder for obtaining the best waveforms.

For more information, sample reports and other supporting documents please go to our website: www.hokanson.cc

The following options were created to meet the typical customers’ needs:

Option: MD35 Procord System



This system includes: 4 segmental cuffs and one contoured thigh cuff and several digit cuffs (for the basic tests) and the DS400 Aneroid sphygmomanometer and RD2 Rapid Cuff Deflator. This option takes the place of the basic MD35 instrument and includes everything in the basic MD35.

Option: MD35 Procord Basic

This is the basic MD35 instrument with transducers, and start-up supplies. This system is ideal for the lab with existing cuffs, or so you can choose your own custom cuff set.

Option: Segmental Pressure Package



Supplemental to the MD35 is the segmental pressure package with extra cuffs for complete segmental pressure and PVR studies and the MV10 segmental cuff selector.

Segmental Arterial & Venous Exams Software

This software comes with the complete CVS4 system, and is available for the MD35 mobile unit to create consistent tests with computerized test results and reporting. NIVP3 captures, stores and prints physiologic studies of upper and lower extremity arteries and veins. There is a spectral Doppler option available for use with the MD35 Procord which includes the ability to record and playback the Doppler waveforms and associated audio.

You can edit the demographic data and signs & symptoms questions to meet your practice's needs. When printing out reports, you can choose which tests to include in the hard copy. Tracking ABI's, post exercise pressures and other vascular studies over time can be accomplished via graphs. When combined with the MD35 and the TD312 cuff inflator/software remote control, the clinician can inflate/deflate cuffs as well as enter data and navigate the software remotely.

This software is also compatible with legacy devices from Hokanson. For more information, sample reports and other supporting documents please go to our website: www.hokanson.cc



TD312 Cuff Inflator and Software Remote Control

The TD312 is ideal for inflating cuffs for the MD35. The thumb wheel is pushed forward (away from you) to inflate and pulled towards you to deflate, with no manual pumping, making cuff inflation easy. The rechargeable battery makes this automated cuff inflator ready at all times; just recharge overnight when the battery display says the charge is 11 Volts or under. A fully charged battery pack reads 14 Volts on the display. When used with the NIVP3 Arterial and Venous Software it provides a handy software remote control and facilitates the pressures and waveform data entry by pushing the Store button. The computer interface is available with either a wireless RF (radio frequency US only) or a wired connection (Data Link). It can inflate any size cuff and remember the pressure for you. The metal male Luer fitting fits all cuffs with a female Luer fitting and the MV10 Cuff Selector.

— Rechargeable battery makes it ready at all times



A complete set of cuffs is offered in the CVS4 product line. You can purchase the optional Segmental Pressure Package or purchase specific cuffs based on your needs. Our cuffs are of the distinctive Hokanson blue with our logo on them; they offer exceptional quality, durability and fit.

The following types of cuffs are applicable for tests performed by the MD35. All of these cuffs have a female Luer fitting for inflation and will work with the DS400 or TD312 with or without the MV10 Cuff selector.

The Straight Segmental Cuffs are used in many exams. Choose cuff sizes according to the limb circumference. Cuffs should be 20% wider than the diameter of the limb where you will be applying the cuff. The wrong sized cuff will give an incorrect pressure.



After removing the bladders, these cuffs can be washed in a washing machine on gentle cycle with soap. Line dry and when completely dry insert the bladder. Bladders and covers are replaceable, and can be purchased from Hokanson.

Straight Segmental Cuffs	Model	Overall Cuff Size	Cuff Application
	SC10™	11 x 85 cm	Upper arm and lower leg for segmental pressure measurements and pulse volume recordings, four cuff method.
	SC12™	13 x 85 cm	Upper arm and upper leg for segmental pressure measurements and pulse volume recordings, four cuff method.
	SC12L™	13 x 124 cm	Upper thigh for segmental pressure measurements and pulse volume recordings, four cuff method on large patients.
	SC5™	6 x 83 cm	Arm or leg tourniquet cuff.
	TMC7™	7.5 x 40 cm	Metatarsus or wrist.
Contoured Cuffs			
	CC17™	18 x 108 cm	Small to middle adult thigh for standard thigh blood pressures, plethysmography, segmental pressure measurements and pulse volume recordings, three cuff method.
	CC22™	24 x 122.5 cm	Large adult thigh for standard thigh blood pressures, plethysmography, segmental pressure measurements and pulse volume recordings, three cuff method.

MD35 Cuffs | Digit or penile testing

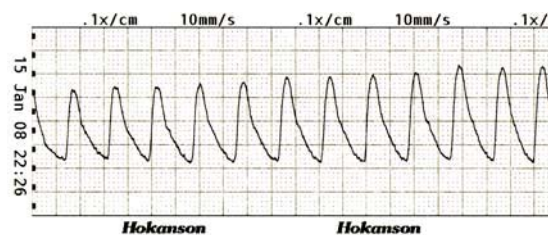
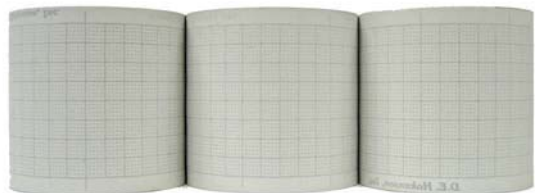
Durable digit cuffs can be used for all digit or penile testing. Please note that there is a choice between latex and latex free cuffs in the same sizes. Like limb cuffs, digit cuffs should fit well but not too snug or too loose. The length of the digit cuff should be longer than the circumference of the digit where the cuff will be applied. It is desirable for the cuff length to overlap itself in order to get an accurate pressure measurement. Digit cuffs can be cleaned by wiping with a soap and water solution and then rinsing.

*Do not clean latex cuffs with alcohol products; it will destroy them.

Durable latex free polyurethane cuffs	Model	Overall Cuff Size	Cuff Application
	UDC1.6™	1.6 x 9 cm	Small toes and fingers.
	UDC1.9™	1.9 x 9 cm	Middle toes and fingers.
	UDC2.5™	2.5 x 9 cm	Large fingers and middle toes.
	UPC2.5™	2.5 x 12 cm	Large toe or penis.
	UPC3.3™	3.3 x 12 cm	Very large toe or penis.
Durable latex cuff			
	DC1.6™	1.6 x 9 cm	Small toes and fingers.
	DC1.9™	1.9 x 9 cm	Middle toes and fingers.
	DC2.5™	2.5 x 9 cm	Large fingers and middle toes.
	PC2.5™	2.5 x 12 cm	Large toe or penis.
	PC3.3™	3.3 x 12 cm	Very large toe or penis.

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Thermal chart paper



TCPG60 (case of 60 rolls) and TCPG3 (box of 3 rolls) are the two thermal chart paper options for the MD35 chart recorder. This thermal chart paper comes with the grid pre-printed on it.

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