

Product Number and Description
Options

M-23 - SphygmoCor XCEL PWA and PWV

SphygmoCor® XCEL *PWA and PWV* System

Non-invasive Pulse Wave Velocity system, including:

- SphygmoCor® XCEL Software Suite
- AtCor Medical Electronics Module
- AtCor Medical brachial blood pressure cuffs (3 sizes)
- AtCor Medical/Millar pressure tonometer
- AtCor Medical femoral blood pressure cuff (1 size)
- System documentation

1-00896

SphygmoCor XCEL cuff storage tray

1-00898

SphygmoCor XCEL PWV cuff extra large adult

CK-01

SphygmoCor XCEL Calibration Kit

- Enables your staff to perform annual calibration
- Requires a separate, calibrated manometer not sold by AtCor Medical
- Only one calibration kit is required, regardless of the number of SphygmoCor® XCEL systems in use at your site

Shipping and Handling

Freight

Basic Hardware and Software Maintenance Contract

Contract commences after the completion of the warranty period.

The Basic Hardware and Software Maintenance Contract comprises the following:

1. All parts and labor for the Electronics Module.
2. Annual SphygmoCor XCEL calibration services
3. USA-based technical support personnel with on-site response guaranteed within 48 hours from receipt of support request (during weekends, response time will be within 72 hours from receipt of support request).
4. Replacement with a loaner unit if AtCor Medical cannot resolve the matter within the prescribed time.
5. Return of repaired unit to the customer within four (4) weeks of receipt of same at service center.
6. All chargeable software upgrades provided at a 50% discount on list price.

The Basic Hardware and Software Maintenance Contract does not include the following:

1. Applicable freight costs (excludes software)
2. VAT/GST, customs duties and any other applicable government taxes.
3. The tonometer.
4. Computer hardware related problems if the computer is provided by the user.
5. Software problems caused by the installation of software programs specified by AtCor Medical as being non-compatible with the SphygmoCor software.

Comprehensive Hardware and Software Maintenance Contract

Contract commences after the completion of the warranty period.

The Comprehensive Hardware and Software Maintenance Contract comprises the following:

1. All parts and labor for the Electronics Module and the tonometer.
2. Annual SphygmoCor XCEL calibration services
3. USA-based technical support personnel with on-site response guaranteed within 48 hours from receipt of support request (during weekends, response time will be within 72 hours from receipt of support request).
4. Replacement with a loan unit if AtCor Medical cannot resolve the matter within the prescribed time.
5. Return of repaired unit to the customer within four (4) weeks of receipt of same at a service center.
6. All software revision upgrades provided free of charge.

The Comprehensive Hardware and Software Maintenance Contract does not include the following:

1. VAT/GST, customs duties and any other applicable government taxes.
2. Computer hardware related problems if the computer is provided by the user.
3. Software problems caused by the installation of software programs specified by AtCor Medical as being non-compatible with the SphygmoCor software.

Minimum Computer Requirements

Type:	IBM Compatible PC
Processor	Intel or Compatible 32 or 64 Bits
Nominal Speed	2GHz Minimum
Memory	2GB RAM Minimum Size 40GB
Hard Disk	2GB for Installation 10GB for Database
Accessories	DVD drive
Printer Drivers	User Provided
Communications	USB Port
Minimum Display	1366 x 768 Pixels
Operating Systems	Version 1.3: Windows 7 Pro, Windows 8.1 Pro, Windows 10 Pro

Product Configuration

PRODUCT	INPUTS
SphygmoCor® XCEL <i>PWA</i>	Cuff
SphygmoCor® XCEL <i>PWV</i>	Cuff & Tonometer
SphygmoCor® XCEL <i>PWA & PWV</i>	Cuff & Tonometer

Physical and Environmental Specifications

Operating Ambient Temperature:	+15°C to 40°C (59°F to 104°F)	
Operating Relative Humidity:	15% to 95% non-condensing	
Storage Ambient Temperature:	-20°C to 65°C (-4°F to 149°F)	
Transport Ambient Temperature:	-20°C to 65°C (-4°F to 149°F)	
Storage Relative Humidity:	20% to 90% non-condensing	
Transport Relative Humidity:	20% to 90% non-condensing	
External Power Supply (use only AtCor part #1-00877)	Input	100-240 VAC, 50-60Hz
	Output	15VDC at 2A
	Protective Class	IEC Class II, Double Insulated
	Power Connector	4 PIN DIN
Physical Specifications	Enclosure Material	Polycarbonate
	Weight	0.7 kg (1.5 lbs)
	Dimensions (EM4C)	9.9 (l) x 19 (w) x 17.2 (h) cm
	Dimensions (Tray)	30.5(l) x 16.7 (w) x 8.6 (h) cm
Measurement	NIBP	Oscillometric. Diastolic values correspond to Phase 5 Korotkoff sounds.
Range	NIBP, PWA	Sys: 50 - 260 mmHg Dia: 40 – 200 mmHg
	PWV	2 to 25 m/s
	Heart rate	30 - 220 beats per minute
	Display	0 - 300mmHg
Resolution		1 mmHg