

DESIGNED FOR THE REAL WORLD

The new Cardiac Science™ 5300 and 5350
Vital Signs Monitors





Finally, monitors designed for the real world

The first thing you'll notice about the Cardiac Science 5300 and 5350 vital signs monitors is the eye-opening size of the screen.

It's perfect for helping you focus on both the patient and the device. The screen is nearly 3x larger than those on the current best-selling vital signs monitor¹, and slanted for comfortable viewing from a variety of user angles.

And, to make the most of the expanded screen, the digits are big, bright, and color-coded for easy viewing, even in low light.

One look at the new Cardiac Science vital signs monitors and the difference is clear

Cardiac Science, the successor to the cardiac businesses that established the trusted Burdick®, HeartCentrix®, Powerheart®, and Quinton® brands, teamed with OMRON Healthcare, the global leader in blood pressure technology, to enable clinicians to view and monitor noninvasive blood pressure, pulse rate, temperature, and SpO₂ more efficiently and comfortably than ever before.

Easy to use and durable, the monitors withstand routine fluid contact and are easy to clean. The wide base makes it difficult to tip over, so costly temperature probe damage may be a thing of the past. These monitors are 'the real deal' – built to stand up to the rigorous and unpredictable demands of today's clinical office and hospital environments.





What is Smart Inflation™?

For the most comfortable patient experience, Smart Inflation customizes cuff inflation for each patient to the minimum pressure required for an effective test. Re-inflations are minimized; patients are happier.

What is Dynamic Linear Deflation?

Dynamic linear deflation technology deflates the cuff based on the patient's pulse rate. Higher samplings of pulse rates are captured; greater accuracy is the result.

Smart features capture and distribute vital signs data accurately and efficiently

Bigger screen, better workflow

With a screen that's nearly 3x larger and noticeably brighter than the leading competitor's¹, slanted for optimal user viewability, and with large color-coded digits, Cardiac Science vital signs monitors enhance staff efficiency, improve accuracy, and increase patient throughput.

Rugged durability, easier clean-up, and infection control

The Cardiac Science 5300 and 5350 vital signs monitors are built to last and give you maximum uptime. They withstand routine fluid contact so cleanup can be fast, easy, and thorough.

Enhanced patient comfort

The Cardiac Science 5300 and 5350 vital signs monitors feature Smart Inflation™ and our dynamic linear deflation technology for greater patient comfort and accuracy.

Connectivity options

For EMR integration, an optional connectivity kit enables you to download data in HL7 format or network service to a laptop.



Optional built-in printer for easy documentation

The Cardiac Science 5300 and 5350 vital signs monitors offer an optional built-in printer so you can print out results immediately or later. Choose among three report styles: simple list, detail list, or measurement value.



(1) Compared to the Welch Allyn® Spot Vital Signs® 420 series monitor, Directions for Use REF 4200-87E, Material No. 706272 Ver. C

Vital Signs Monitors Comparison

Noninvasive blood pressure	X	X
SpO ₂ (optional, Nellcor or Masimo brand options)	X	X
Temperature (optional)	X	X
Built-in printer (optional)	X	X
Memory	X	X
Alarm settings		X
Intervals		X



Portable rolling stand with ergonomic handle

The unit locks into place and is easily removed. The basket stores your accessories: cuffs of different sizes, paper rolls, cuff hose, SpO₂ sensor and cable, temperature probe covers, and quick reference guide.

The responsive customer service and support you expect from Cardiac Science

Keeping you up and running is our focus. We equip every field service engineer with the most comprehensive Microsoft®-certification training in the industry. We understand the key to your business is patient throughput.

And we're here and available on your terms: by phone, email, and Web chat.

Seeing is believing: Get the big picture on vital signs monitors

Ask for a Cardiac Science 5300/5350 product demonstration to examine the big, slanted, brightly-lit, and easy-to-clean monitors. Try on a blood pressure cuff and experience Smart Inflation and dynamic linear deflation for yourself.

Soon, your choice for a superior vital signs monitor will be clear: The Cardiac Science 5300 and 5350 monitors.

Call us at 800.679.8703 or contact your authorized Cardiac Science representative today.

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