Listen, look, *and* learn with the Master Elite Family of Stethoscopes

Add these innovative features to your Master Elite Stethoscope and expand your auscultation capabilities even further.

The Analyzer — store and analyze the sounds you hear right on your PC.

Due to the increasing demand for documentation, our Analyzer software is becoming increasingly popular with physicians. The Analyzer not only allows you to send and receive sound files anywhere, they can be downloaded into a patient's case file and replayed and analyzed at your convenience. It's the only software that combines a phonocardiogram with a synchronized ECG signal. It's the perfect way to document unusual findings or to monitor a patient's condition over time.

5079-402

The Distributor — link multiple stethoscopes for bedside training.

With our optional sound Distributor, you can connect multiple Master Elite, Master Elite Plus Stethoscopes or Master Elite headsets for group listening. Because of the advanced sound quality, it's ideal for training students and residents in auscultation and physical diagnosis. With the Distributor, you and up to five colleagues or students can hear a patient's body sounds at the same time — allowing each listener to review their condition on the spot. It's the fast and easy way to train and prepare future physicians for the nuances of converting auscultatory findings into accurate diagnoses.

5079-414

5079-401

specifications

	master elite	master elite plus
LISTENING MODES	low, high	low, high, extended
FREQUENCY RANGE	20 - 20,000 Hz	20 - 20,000 Hz
BATTERY LIFE	1 year	2 years
WARRANTY	1 year	2 years
WEIGHT	170g	200g
TUBE LENGTH	18"	21"
VOLUME CONTROL	15 - 90 dB	15 - 90 dB
ON/OFF BUTTON	timer function – 3 minutes	timer function – 3 minutes
DISTRIBUTOR	optional	optional
ANALYZER	optional	optional
CLEANING	cotton/chlorhexidine	cotton/chlorhexidine
ALLERGY	does not contain latex	does not contain latex

ordering info

WELCH ALLYN MASTER ELITE STETHOSCOPE (WITH 18" TUBE)	5079-405
WELCH ALLYN MASTER ELITE PLUS STETHOSCOPE (WITH 21" TUBE)	5079-400
MASTER ELITE ANALYZER SOFTWARE WITH ECG	5079-402
MASTER ELITE DISTRIBUTOR	5079-401
MASTER ELITE HEADSET (FOR USE WITH THE DISTRIBUTOR)	5079-414

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Advancing Frontline Care™

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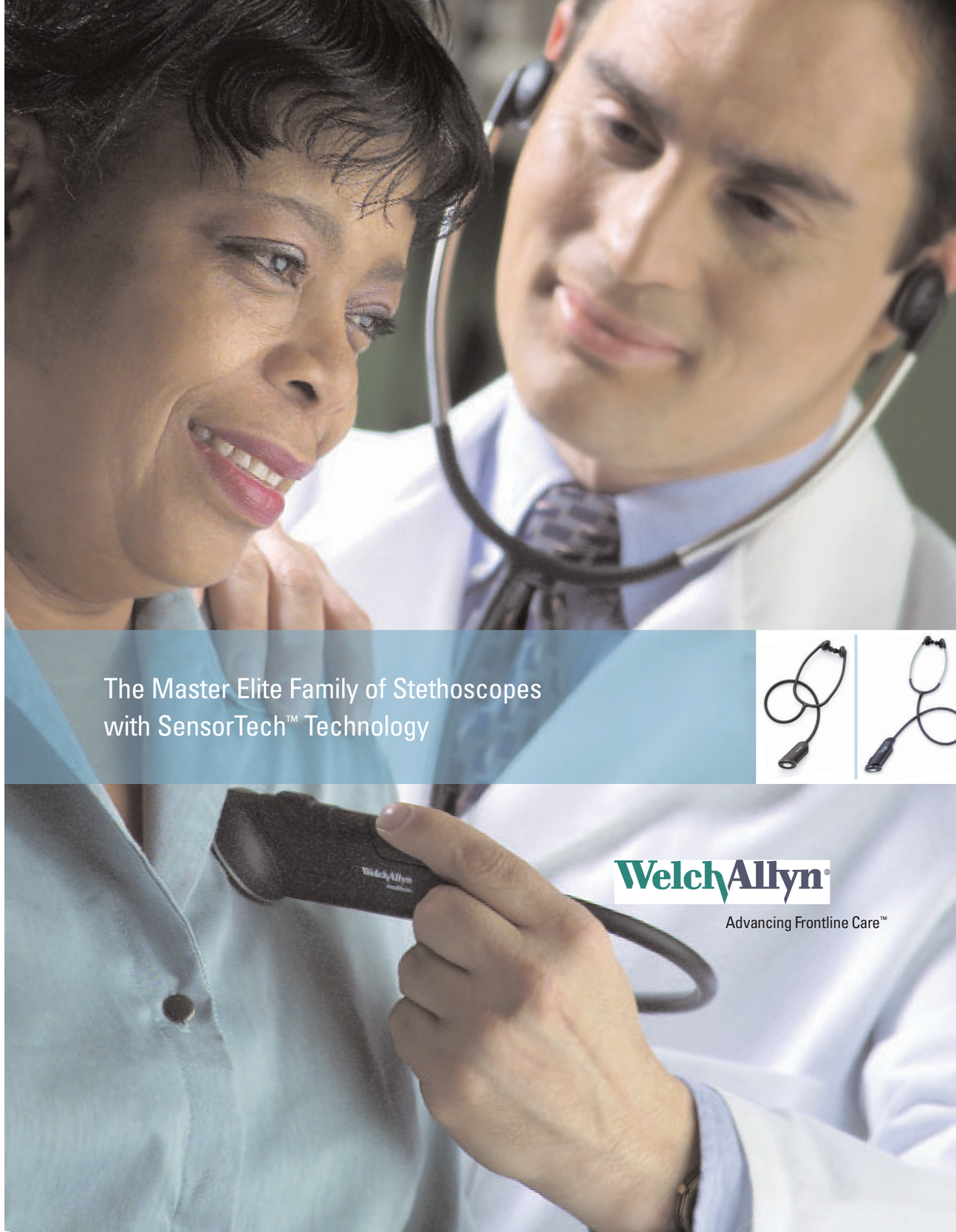


The Master Elite Family of Stethoscopes with SensorTech™ Technology

Advancing Frontline Care™

Hear more of what you need and less of what you don't.

Presenting the Master Elite Family of Stethoscopes, the latest innovation from Welch Allyn that advances the field of auscultation far beyond anything you've heard before. The key to the extraordinary capabilities of the Master Elite and the Master Elite Plus lies in our patented sound-sensing technology, which enables you to lock on to important sounds, while eliminating unwanted ones.

Innovative sensor technology provides enhanced sound clarity for faster diagnoses.

Unlike traditional mechanical or electronic stethoscopes, Master Elite Stethoscopes give you precise sound pickup, eliminating vibration, resonance, and sound loss. With an excellent signal-to-noise ratio and extended frequency range (20-20,000 Hz), they make it easy to detect low diastolic murmurs and high-pitched pulmonary sounds you might not hear with other stethoscopes. In fact, in a recent article, one physician noted that by using our sensor-based stethoscope, he "heard a very high-pitched wheeze in a patient who later proved to have bronchial cancer … I could not have heard this sound with a mechanical stethoscope."*

*Melbye, H. "Auscultation of the lungs still a useful examination." Tidskr. Nor Legeforen 2001: 121: 451-4.

Master Elite — The high-tech stethoscope with crystal-clear sound.

With its unmatched clarity of heart and pulmonary sounds, the Master Elite helps you to listen, analyze, and communicate sounds with confidence. Using its two-position frequency selection switch, you can listen on either low (bell) or high (diaphragm) frequencies. In either mode, the volume can be adjusted without affecting sound quality.

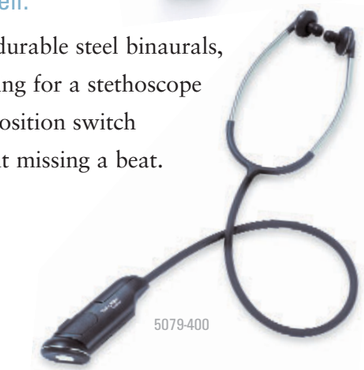
- 2-position filter switch lets you listen in high or low frequency
- Adjustable binaurals and eartips ensure all-day comfort
- Long-life lithium ion battery lasts up to 140 hours
- Fits comfortably around your neck or in your pocket
- One-year warranty

5079-405

Master Elite Plus — The full-featured stethoscope that's in a class by itself.

Featuring an additional 'Full Frequency' option, longer battery life, extra-durable steel binaurals, and an extended warranty, Master Elite Plus is perfect for physicians looking for a stethoscope with an even higher level of performance and reliability. The unit's three-position switch allows you to fine tune frequencies so you can hear what you need without missing a beat.

- 3-position filter switch lets you listen on low, high or extended frequency
- Adjustable stainless steel binaurals add a higher level of durability
- Two long-life lithium ion batteries last up to 220 hours
- Fits comfortably around your neck or in your pocket
- Two-year warranty



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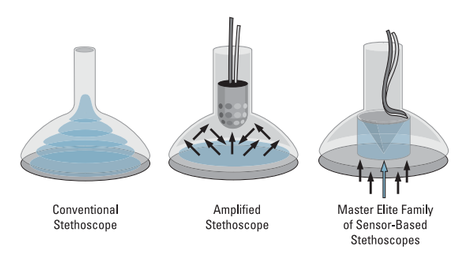
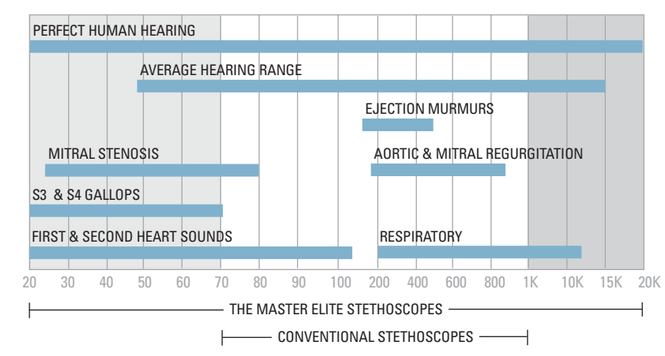
SensorTech™ — Technology that makes conventional stethoscopes obsolete.

Our patented SensorTech technology has truly perfected the art of registering, transmitting, and amplifying sound waves. The sensor picks up body sounds without sending a signal or energy into the patient's body. And the stethoscope's pre-defined frequency filters can help you hear the types of sounds that can enhance your ability to diagnose. Located in the center of the stethoscope's chestpiece to help reduce ambient noise, the sensor itself is small yet powerful enough to pick up the faintest of signals, even through thick, fatty tissue and clothing.

Transducer placement

Master Elite's surface placement eliminates unwanted resonance and vibration.



Relative frequency intervals

Master Elite's extended frequency range allows you to pick up more sounds than a conventional stethoscope.