

# **HealthGuard<sup>®</sup>-15**

## **Mobile Wellness Screening System**

Non-Invasive Measurement of Body Fat, Blood Pressure, Pulse & Weight



***The Fast Track to Better  
Wellness Assessment***

# An Integrated Blood Pressure, Weight & Percent Body Fat Measurement System

## An Integrated Solution -- Only from Futrex

While blood pressure has always been considered to be a key indicator of wellness, increased body fat is now contributing to a host of new concerns... including elevated blood pressure, heart attacks, strokes, diabetes, and certain forms of cancer.

Futrex's revolutionary system brings wellness screening to your PC's desktop. The HealthGuard-15 is the first health & wellness screening system to combine truly non-invasive body composition analysis with accurate blood pressure and heart rate measurement. Measurements include:

- Body Composition
- Blood Pressure (Systolic & Diastolic)
- Weight
- Pulse



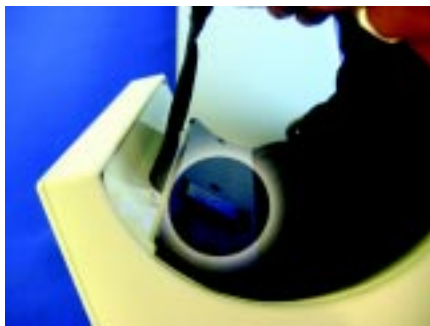
The patented cuff automatically adjusts to the size of the arm being measured. This has the same effect as a medical professional wrapping a blood pressure cuff around the arm of the patient. **The advantage? Equal accuracy on small arms, large arms, and arms of all sizes in between.**

Futrex offers the ONLY blood pressure system on the market that can also perform a simultaneous measurement of percent body fat. During the blood pressure measurement, harmless near-infrared light is transmitted into the triceps of the arm. Fat absorbs the light, while lean mass reflects light back into the sensor to measure percent body fat. **The advantage? You can provide valuable wellness information in the same time that it takes to measure blood pressure.**

## HealthGuard-15 -- The Cuff.... *Two Tests at the Same Time*

The HealthGuard-15 features a patented cuff that measures BOTH body fat and blood pressure. The cuff is designed to provide a custom sized fit to virtually any sized arm.. just like a medical professional's blood pressure system.

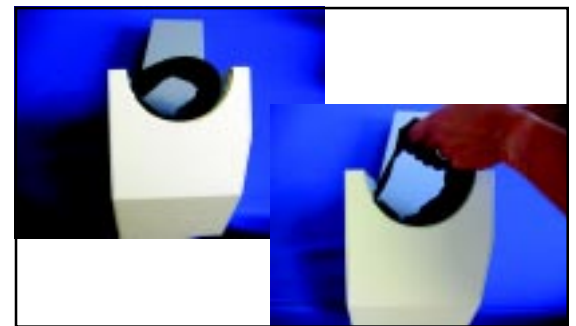
The body fat sensor is built into the cuff, and measures percent body fat while the blood pressure cuff is inflated.



Futrex' Patented Body Fat Analysis Sensor is Integrated into the Blood Pressure Cuff Mechanism



As the blood pressure is being measured, the HealthGuard-15 sends a safe, near-infrared light beam into the arm at specific wavelengths that fat will absorb and lean mass will reflect.



Futrex's Blood Pressure Cuff adjusts to the size of the arm, the same way as cuffs used by medical professionals.

# HealthGuard-15 -- The System ..... *Just Add a PC!*

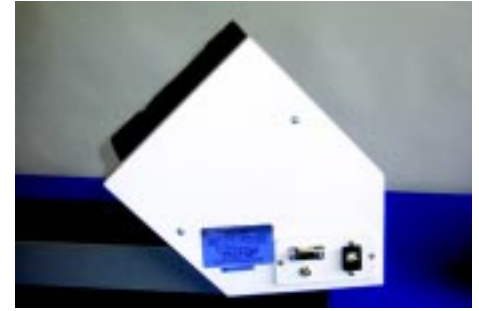
The HealthGuard-15 includes:

- System Software
- Integrated Cuff Assembly
- Scale
- Power Supply
- Connection Cables

All you need to provide is a Windows based PC (running Windows XP or Vista), and put it to work for you.



HG-15 Cuff & Scale Connect Directly to a Windows Based Computer (computer not included)

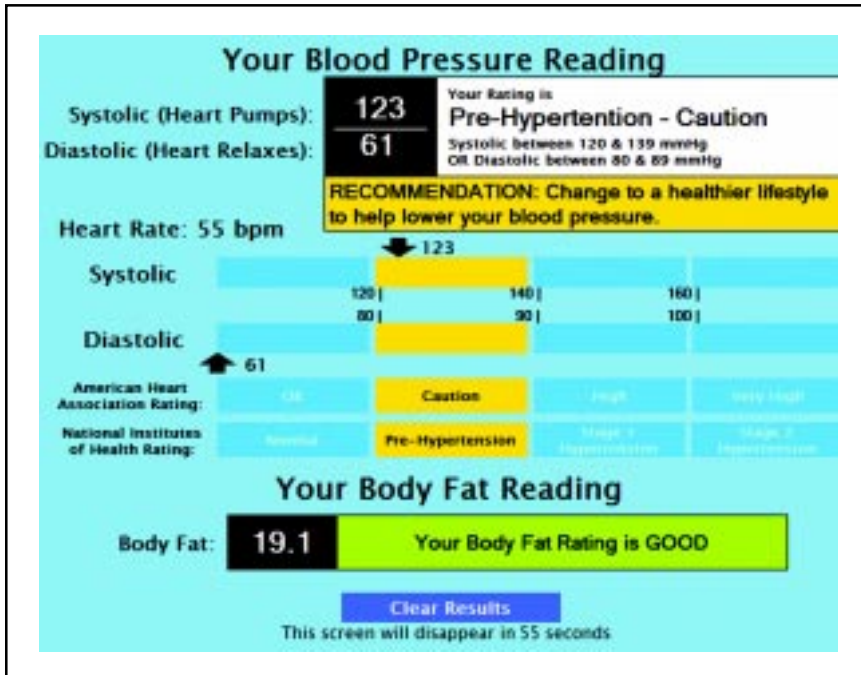


USB, Power, and Scale Connections are Conveniently Located for Easy Access

# HealthGuard-15 -- The Results.... *On Screen and On Paper*

The HealthGuard-15 displays the results in an easy to understand format that shows where the person's blood pressure is rated according to guidelines published by the American Heart Association.

Body fat and weight guidelines are also provided.



Typical Results from the HealthGuard-15



You can also print a version of the same information for people to take with them.

# HealthGuard-15 - A Comparison of Blood Pressure Technologies

	<b>HealthGuard® -15</b>	Other Kiosk Based Cuffs*	Self Testing BP Meters
<b>Self Adjusting</b>	<b>Yes</b>	no	yes
<b>Measures Body Fat</b>	<b>Yes</b>	no	No
<b>Communicates with a PC</b>	<b>Yes</b>	no	No

\* The HealthGuard-850 from Futrex uses the same cuff design as the HealthGuard-15.

# HealthGuard-15 - A Comparison of Body Composition Technologies

	<b>HealthGuard-15 Near-Infrared</b>	Under Water Weighing	Skinfold Calipers	Bio-Electrical Impedance
<b>Need For Fasting</b>	<b>No</b>	Yes - 2 hours	No	Yes - 4 hours Avoid Alcohol for 48 Hours
<b>Need For Disrobing</b>	<b>No</b>	Yes	Yes	Yes - socks or stockings must be removed
<b>Measure After Exercise</b>	<b>Yes</b>	No	No	No - avoid intense exercise 12 hours prior to test
<b>Need For Voiding*</b>	<b>No</b>	Yes - Within 30 minutes of test	No	Yes - Within 30 minutes of test
<b>Accuracy</b>	<b>Excellent</b>	Excellent	Moderate	Excellent, if above criteria is followed
<b>Repeatability</b>	<b>Excellent</b>	Moderate	Depends On Operator	Excellent, if above criteria is followed
<b>Possible Risks</b>	<b>None</b>	None	None	Yes, for those with pacemakers or internal defibrillators; risk unknown during early pregnancy

\*Voiding means emptying the bladder

## Also Available From Futrex

### More Wellness Screening Products to Enhance Your Programming

FUTREX-6100 Portable Body Composition Analyzer



Automated Health Screening Kiosks



Non-Invasive Facial Skin Analyzers



Customized OEM Systems

