

# V2U HEALTHCARE PTE LTD

## ACHIEVO - CORE STABILITY TRAINER (3011)



AUDIO VISUAL BIOFEEDBACK

REAL TIME ULTRASOUND

DIGITAL PRESSURE



# Achievo® Trainer is the most innovative and objective biofeedback system in the world!

It incorporates:

- **Achievo PBS -Pressure Biofeedback System**
- **V2U SOUND RTUS -Real Time Ultrasound Imaging System**



*ACHIEVO PBS provides both audio and visual biofeedback for activation and training of the core stabilizing muscles such as **Multi Fidus, Internal Oblique, External Oblique and Transversus Abdominis.***



*ACHIEVO PBS unit gives valuable information to ensure quality and precision in exercise performance and muscle testing. ACHIEVO PBS is **an assessment** as well as **training tool** for these deep abdominal muscles mainly by measuring the change in pressure levels.*

**Achievo PBS and V2U RTUS are integrated to provide accurate Real Time Information to the clinician and patient during rehabilitation.**



## WHAT IT DOES?

### SPINAL CORE MUSCLES TRAINING



While treating back or neck pain, it is essential to address, access and strengthen both Global and Core Stabilization muscles. It is possible to conduct Global muscles training with the naked eyes but core stability muscle activation and training requires specific pressure biofeedback tools. Traditionally available tools do not provide enough biofeedback to the patient.

### MUSCULO-SKELETAL EVALUATION AND REHABILITATION

ACHIEVO PBS makes evaluation and rehabilitation for the muscle and tendon injuries objective and safe. The clinician is able to visualize moving structures during strengthening and rehabilitation of muscles and tendons.



### INCONTINENCE MANAGEMENT

V2U SOUND RTUS provides a real time visual biofeedback of the pelvic floor muscles movement, which enables optimal and objective rehabilitation of patient with incontinence. A patient learns to perform accurate pelvic floor movement which facilitates quicker recovery.

## ACHIEVO DETAILS:

### Achievo PBS (RA 5011-01)

- Converter : 12 Bit ADC
- Pump : Automatic Inflatable Pressure Pump
- Cut-off : Automatic Pressure Cut-off

#### Computer Requirement

- Program Compatibility : Window 2000 / XP / Home Edition / Vista
- Minimum Processor requirement : Intel Processor 2.0 GHz
- RAM : 2 GB
- Hard Disk : 160GB
- Power Supply : 400W

#### Standard Accessories

- RA 102-03SP : Pressure Cuff
- RA 102-05SP : PBS software CD
- RA 102-06SP : PBS CPU

#### Optional Accessories

- RA 5011-04 : 19" LCD Screen

### V2U SOUND RTUS (RA 5011-02)

- Scanning Mode : Convex/Linear/Micro-convex
- Scanning Depth : 40mm-240mm
- Scanning Technique : Real Time Dynamic Imaging: CDA, CDF,DFS
- Gray Scales : 256
- Image Permanent Storage:  $\geq 1000$  frames
- Hard Disk :  $\geq 80G$
- Local Zoom : 6 Times both in real-time and frozen
- Port : PAL-D, XGA, RS-232, USB 2.0, DICOM 3.0
- Monitor : 12 inch LCD
- Wide Application : Abdomen, Urology, Musculoskeletal
- Power Supply : AC 110V~240V, 50Hz/60Hz
- Probe Connector : 2

#### Standard Accessories

- RA 103-01SP: 3.5 MHz Convex Probe
- RA 103-02SP: 7.5 MHz Linear Probe
- RA 103-03SP: 256 ml Ultrasound Gel

#### Optional Accessories

- RA 103-04SP: AD Converter Switch
- RA 103-05SP : Achievo Trolley

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**"VALUE TO YOU IS VALUED TO US"**

