

# OmniTrainer®

Active and Passive Trainer with Biofeedback



# Product Overview Video



Wheelchair Compatible

# Modes of Operation

- ▶ Active Mode
  - ▶ User can exercise on their own strength. Select from resistance levels 1-15.
- ▶ Passive Mode
  - ▶ User is not able to exercise on their own strength. Completely motorized mobilization of the arms or legs. Select from speed level 4-60 RPM
- ▶ Smart Assist
  - ▶ OmniSense Technology detects users speed level and automatically changes between active and passive mode.

# Active Mode

User is able to pedal on their own strength.

Select from resistance levels 1 to 15.

Display Feedback:

Speed (RPM)

Duration

Power (Resistance Level)

Left vs Right Symmetry



# Symmetry Training

Calculated Left vs Right strength is visually displayed in graph form to allow users to focus on effected sides over time.



# Passive Mode

User is not able to pedal on their own strength.

Select from speed levels 4 to 60 RPM.

Spasm Detection Direction Control

Display Feedback:  
Speed (RPM)  
Duration  
Power (Resistance Level  
Changing into Active Mode)



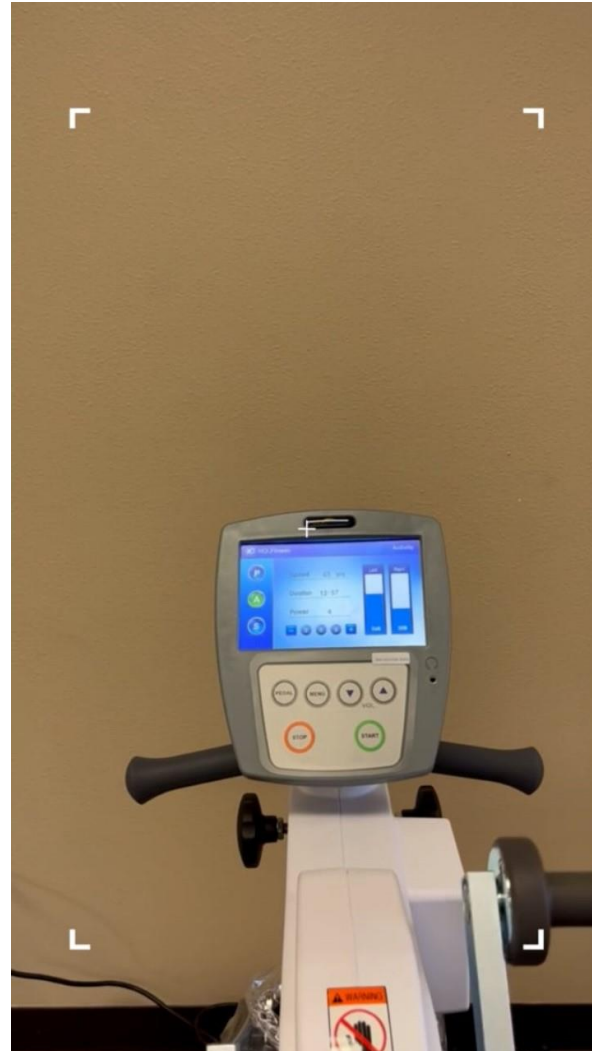
# OmniSense Technology

User is not able to pedal on their own strength.

Select from speed levels 4 to 60 RPM.

Spasm Detection Direction Control

Display Feedback:  
Speed (RPM)  
Duration  
Power (Resistance Level  
Changing into Active  
Mode)



# Advanced Spasm Detection

- ▶ Advanced Sensitive Settings
- ▶ Change of Direction
- ▶ Change of Speed
  
- ▶ 3 Spasms and Lock Training
  - ▶ Ability to disable spasm lock after 3 spasms.



# Accessible Features

## Standard Included Features

- ▶ Leg Stabilizers
- ▶ Multi-Grip Handles with U Shape
- ▶ Pedal Rotation Button
- ▶ Heel Cup on Pedals
- ▶ Height Adjustable Upper Body
- ▶ Rotating Upper Body

## Optional Features

- ▶ Stabilization Hand Grip
- ▶ Wheelchair Hooks

# Leg Stabilizer and Heel Cup

Helps keep the user's leg and foot in place.



# Automatic Pedal Rotation Button

Rotates the pedals for placing the foot in the pedal.



# Multi Grip Handles

Horizontal and Vertical Grip  
Positions



# Rotating Upper Body

Swivel the Upper Body for unobstructed access to leg training or for transporting the unit.



# Height Adjustable Upper Body



# Optional Wheelchair Hooks



# Settings





# On Screen Workout Report

Workout Time

Active vs Passive Mode %

Left vs Right (Active)



Number of Spasms

# USB Download Workout Report

OmniTrainer Active and Passive Trainer with BioFeedback		
Facility Name	LA wellness center	Date 28. Nov. 2019.
User ID	WILLIAM LEE(M-012)	
Workout Type	Upper Body Training	
	Lower Body Training	0
Workout Mode	Active Mode	N/A
	Passive Mode	N/A
Total Time	0 min 26 sec	
Total Distance	0.00mile 0.83yd	
Number of Spasms	0 time	
Active vs Passive Percentage	Active %	Passive %
	0	100
Left vs Right Percentage	Left %	Right %
	50	50
Workout Notes	SCI(C5) patient 1st training	

The facility can enter the Facility Name, User ID and workout notes on the computer once the report is downloaded.

No identifying data is recorded from the device.

## Workout Data Collected:

- Upper Body Training Time
- Lower Body Training Time
- Active and Passive %
- Left vs Right % in Active Mode
- Number of Spasms
- Total Time
- Total Distance

# CPT Code Examples

- ▶ **90901:** BIOFEEDBACK TRAINING BY ANY MODALITY
- ▶ **97110:** THERAPEUTIC EXERCISE
- ▶ **97112:** NEUROMUSCULAR RE-EDUCATION
- ▶ **97750:** PHYSICAL PERFORMANCE TEST OR MEASUREMENT
- ▶ **97761:** PROSTHETIC TRAINING

# Quick Assembly Attach Handles - 6 Screws Total Plug and Play



# Cleaning and Maintenance

- ▶ Grey Sani-Cloth for Wiping Down the Machine
- ▶ Periodic Tightening of Bolts
- ▶ Display cover starter kit include
  - ▶ Helps protect against heavy cleaners

# Product Information

<b>Technical Details</b>	
Active Resistance	✓
Passive Assistance	✓
OmniSense Active Assist Adjusts to User Activity Rate	✓
Resistance Levels	1 - 15
Motor-Assist	1 - 60 RPM
Arm Adjustment	Swivel and Up/Down
Pedals	Heal Cup + Leg Support
Max User Weight	Unlimited
Power	AC 110V   60Hz
Product Type	Commercial Grade
Model #	OT-1100
Country of Origin	South Korea
<b>Computer Details</b>	
Display	Large Color LCD Display
BioFeedback	Symmetry Training / Activity Level
Workout Feedback	Speed, Time, Distance, Spasm Count
Workout Report	✓
Voice Guidance	✓
<b>Warranty</b>	
Frame	Lifetime
Mechanical Parts	1 Year
Electronic Parts	1 Year
Labor	1 Year
Service Coverage	Nationwide Service Coverage
<b>Shipping &amp; Assembly</b>	
Shipping	LTL
Assembly Required	Fully Assembled
<b>Unit Dimensions</b>	
Compact Dimensions	23-36" L x 24" W x 43-48"H
Unit Weight	88 lbs



Thank You!

OmniTrainer®

