

Rehabilitation Treadmill [Rs 7,31,100+18%GST]

<https://www.youtube.com/watch?v=0p7Jy5ADRsA>

Overview

Nine (9) programs, patients can safely determine resistance throughout the entire range of motion, easy-to-read display feedback, visual biofeedback promotes biomechanical and neuromuscular symmetry. Programs can be adapted to a patient's characteristics to maximize their rehabilitative regimen.



FEATURES

TWO INDEPENDENT INCLINE MOTORS

Provides true incline and decline:

Front incline range from 0 to 15 % grade

Rear decline range from 0 to - 10 % grade

TRUE ZERO SPEED

(when the belt is not moving the motor is locked for patient safety)

BI-DIRECTIONAL BELT SPEED

Forward belt speed from 0.1 to 10 mph in 0.1 mph increments

Reverse belt speed from 0.1 to 3.0 mph in 0.1 mph increments – reverse walking

ADJUSTABLE BELT SPEED ACCELERATION

Adjustment range is 1 second to 1 minute for every 1 mph of belt speed

LOW STEP-UP HEIGHT

(removable patient step-up)

ADJUSTABLE FULL LENGTH HANDRAILS FOR SAFETY

(accommodates a wide variety of patient populations)

Height - 24.5 to 34.5 inches

Width - 19.5 to 31 inches

INSTRUMENTED DECK PROVIDES BASIC GAIT ASSESSMENT & TRAINING

Graphical and numeric measurements of Step count; Steps per minute (cadence); Stride length; and Left vs. Right Gait Symmetry

MULTIPLE PROGRAM MODES

(VO₂; Heart Rate; Manual; Preset Programs: Hill, Plateau, and Interval; Custom Facility Program)

MULTIPLE DISPLAY MODES

(METs; Symmetry; Cadence; Stride Length; Steps; Pace; all Standard Biofeedback displays)

TECH SPECS

Power	:	90 to 240 volts AC (Optional), 20 amps
Motor	:	3HP continuous duty Self-lubricating Belt/Deck
Overall dimensions	:	94.5" L x 39.4" W x 54.5" H (240cm x 100.3cm x 146cm)
Net Weight	:	515.8 lbs (234 kg)
Max user weight	:	440 lbs (200 kg)

ADVANTAGES AND CLINICAL APPLICATIONS

ORTHOPEDIC, SPORTS MEDICINE, & ATHLETIC TRAINING EXERCISE

Use uphill or downhill walking and jogging to emphasize specific muscle groups or motions.

Use retro-walking to promote the use of reciprocal muscle groups not normally exercised during forward walking alone

CARDIOPULMONARY EXERCISE

Monitor heart rate by Telemetry or contact heart rate in handgrips. MET level displayed for easy compliance to patient exercise prescriptions. Belt speeds as low as 0.1 mph to accommodate even the most deconditioned patient

OLDER ADULT EXERCISE

Simulate uphill and downhill walking. Retro-walk to reduce flexion contractures with total knee and total hip replacements. Retro-walk is also great for promoting dorsiflexion. (Using the dual height Geriatric/Pediatric Handrails)

PEDIATRIC EXERCISE

Small and precise speed increments and adjustable handrails make this treadmill ideal for use with children too

NEUROLOGICAL REHABILITATION EXERCISE

Treadmills have long been used in therapy and conditioning to encourage patient compliance. Now, the small speed increments, specially configured handrails, and gait monitoring permit the neurologically impaired patient population to safely benefit as well

ELECTRONICS AND SOFTWARE FEATURES

- a.
Intuitive interface for ease of operation
- b.
Large easy to read displays
- c.
Set-up mode allows for easy access to quick patient data entry, program and treadmill function entries
- d.
Easy access to all program modes; Quick Start, Manual, Preset, Hill, Plateau, and Interval profiles; Custom Facility, V02 sub-max Gerkin protocol program and Symmetry programs
- e.
Instrumented deck to allow basic gait assessment and training