OCEANIC WalkLite™

PORTABLE HARNESS AMBULATORY SYSTEM

(PHAS)

UNWEIGHING SYSTEM - OCU02

TECHNOLOGY PARTNER

CSIR-CSIO

GOVT. OF INDIA

COMPATIBLE WITH COMMERCIAL/REHABLITATION TREADMILL

PLEASE CLICK HERE TO WATCH OUR VIDEO

Oceanic WalkLite is an Unweighing system which provides dynamic Unweighing support for treadmill users or as a stand alone Unweighing system. This system helps patients undergo Gait training by partially supporting their weight, to provide continuous and medically safe support for patients as they walk or run on the treadmill. Therapists can use this system for rehabilitating patients diagnosed with a wide range of gait disorders stemming from ortho,neuro, strokes or spinal cord injuries. Incorporating an attached harness and support for pelvic support and vertical displacement, this system adjusts to individual patient needs and therapist specifications to curb balance problems and improve motor coordination.

CSIR-CSIO

Developed by CSIO-CSIR, Govt. of India

and

Oceanic Fitness under "MAKE IN INDIA" initiative.

FEATURES:-

A. User Friendly Design

1. Supporting frame is designed in such a way that it allows therapist easy access to Patient to assist the patient in quality rehab training.
2. The therapist can view patients from all angles and can assist manually for proper Placement of patient.
3. Patient has full visibility of treadmill display panel as treadmill and Unweighing syste m is from the same manufacturer.
4. Unique open design allows natural arm swings, essential components to encourage Neuro plasticity and also used for front back and side walking in lock conditions.
5. This Device controls weight bearing posture and balance of patient over treadmill or over ground both manually and automatically.

B. Unweighing Support

1. Provides manual and automatic dynamic support to maintain seamless Unweighing during walking/running to guide treadmill operation with correct posture
2. Supports partial weight of patient, with convenient readout of Unweighed weight, Total weight Percentage on 10 inch Touch Screen Display.
3. Auto unload feature compensate for potential harness movement due slippage or posture changes during training.
4. Dynamic Single point suspension with 360 degree rotation is safer for patients and do not require therapist support.

C. Ergonomic controls which adapt to patient needs

1. Controllable and modular design which adjusts geometry according to patient needs .
2. Compatible with support for lifting patient from seated position such as a wheel chair.
3. Its internal width supports Treadmill of 31 inch wide.
4. Includes adjustable parallel arm supports / hand rails and control boards accessible from either side of machine.
5. Supports patient weight up to 180kgs with locking castor facility. 5 inch castor wheel for easy transportation
6. Suitable for pediatric and adult up to 6’3” height.
7. Includes removable therapist seat

D. Easy-to-use Treadmill (OPTIONAL)

1. Includes oceanic medical grade rehab treadmill with LCD/LED display with readout speed, slope, distance, time.
2. Low Convenient step up height, with a ramp for wheelchair access
3. Physical button for emergency stop
4. Compliant with Medical Safety norms

E. Accessories and Maintenance

1. UPS fitted inside low battery indicator with rechargeable battery for smooth functioning
2. Supplied harness is designed to provide vertical lift through three shared point of pressure, through the hip strap, gluteal fold snap and the lumbar- thoracic harness. Its secure fit with maximum support offers comfort without limiting lower externity range of motion.

3. Support for unconditional warranty for two years including all internal and external parts, accessories and consumables with free repair/replacement.

F. **Compliant with safety standards**

- **ISO CERTIFIED 9001-2015**
- **CE(COMPLIANCE EUROPE) CERTIFIED FOR SAFETY AND DIRECTIVE MEASURES**
- **EN 957-1:2005 CERTIFIED FOR GENERAL SAFETY REQUIREMENTS AND TEST METHODS**

Advantages of Oceanic Walk Lite over other imported products

Best suited for Indian conditions. Slowly lower the patient in case of power failure or any electrical system breakdown ensuring total safety to patient

Treadmill and Unweighing system is from the same manufacturer. There is no compatibility issues involved. MAKE IN INDIA – Hardware developed by Oceanic Fitness and design and software by CSIO – CSIR. Any up gradation and alteration to suit a particular therapy can be carried out at no extra cost.

Treadmill is equipped with reverse walking, decline up to 3%, Incline as required and powered by minimum 4 HP/5 HP continuous duty robust motor which can take the weight of therapist

PAN India support and service network.

CSIR-CSIO

OCEANIC FITNESS

DISPLAY FOR FUNCTIONING

ABOUT CSIO – CSIR

Central Scientific Instruments Organisation (CSIO), a constituent unit of Council of Scientific & Industrial Research (CSIR), is a premier national laboratory dedicated to research, design and development of scientific and industrial instruments. It is a multi-disciplinary and multi-dimensional apex industrial research & development organisation in the country to stimulate growth of Instrument Industry in India covering wide range and applications.

CSIO is a multi-disciplinary organization having well equipped laboratories manned by highly qualified and well trained staff with infrastructural facilities in the areas of Agrionics; Medical Instrumentation and Prosthetic Devices; Optics and Cockpit based Instrumentation; Fiber/Laser Optics based Sensors & Instrumentation; Analytical Instrumentation; Advanced Materials based Transducers etc. Large number of instruments ranging from simple to highly sophisticated ones, have been designed and developed by the Institute and their know-hows have been passed on to the industry for commercial exploitation. Having contributed substantially towards the growth of the scientific instruments industry in the country, CSIO enjoys high degree of credibility among the users of the instruments as well as the instrument industry.