

ICARE SYSTEM CONFIGURATIONS

COMPLETE ICARE SYSTEM (12'x7.2'x9')

ICARE

- Movement patterns emulate motion and muscle demands of walking
- Burnfield JM, Shu Y, Buster TW, Taylor AP (2010)
- Forward and reverse motor assistance allows speeds up to 65 cycles per minute
- Adaptive motor assistance automatically adjusts to suit patient's exercise needs
- Single or dual leg training options accommodate wide range of patient needs
- Adjustable stride range from 17"- 29" with fingertip shift-on-the-fly controls
- Arms can be integrated into training for complete body workout
- Contact and telemetry heart rate monitoring
- Remote control for easy, unobtrusive clinician adjustments
- Passcode control of motor-assisted features allows use of non-motor assisted training features by others
- Infrared safety system shutdown reduces risk of injury

Wheelchair ramp, stairs and clinician platform

- Provides access for clients who use a wheelchair and eases transfers on/off the device
- Raises clinician's viewing position for unobstructed monitoring

Body unweighting system

- Electronically controlled pneumatic height-adjustable seat provides ninety-degree rotation in either direction and arm rests flip up for easy patient access
- Unweighting harness supports and lifts up to 400lb of patients' body weight



ICARE PLUS SYSTEM

(8.5'x3.5'x9')

Includes all features listed for ICARE and body unweighting system



ICARE MOTOR - ASSISTED SYSTEM

(7.2'x2.6'x5.9')

Includes all features listed for ICARE

BODY UNWEIGHTING SYSTEM CONTROLS

The ICARE body unweighting system uses electronically-controlled pneumatics to adjust both the rest seat and the upper body harness with a lifting capacity of up to 400lb.

REST SEAT

With ninety-degree rotation in either direction, flip up armrests, and variable height adjustment, the rest seat expands ability to assist patients. Lower positions aid in transfer from a wheelchair and higher positions facilitate standing up.

FOOT STRAPS

Easy-fit foot straps position feet on footbeds quickly. Single strap and ankle straps offer security and isolate lower leg rotation to control heel and subtalar joint.

HAND SUPPORTS

ICARE offers three different hand supports to compliment varying degrees of exercise and to integrate the core into training. Reciprocating handles provide synchronization of arm and leg movement. Adjustable-height stationary handles offer weight-bearing support and a wider grip for increased balance. Center handholds challenge balance and coordination.

REMOTE CONTROL

Gives clinicians easy, uninterrupted access to adjust speed and stride length or implement the emergency stop during exercise.

INFRARED SAFETY SYSTEM

Reduces risk of injury by immediately shutting ICARE off if beam is broken.

WHEELCHAIR RAMP, STAIRS AND CLINICIAN PLATFORM

Provides wheelchair access and reduces clinician's risk of injury when transferring client to rest seat.

CLINICAL APPLICATIONS

Stroke	Parkinson's Disease	Cerebral Palsy	Lower Extremity Fractures	Lumbar Disc Herniation	Diabetes Mellitus
Spinal Cord Injury	Guillain-Barré Syndrome	Microcephaly	Joint Replacement	Spinal Stenosis	Deconditioning
Traumatic Brain Injury	Encephalitis	Cancer	Rheumatoid Arthritis	Heart Disease	Obesity
Multiple Sclerosis	Stiff Person Syndrome	Amputation	Osteoarthritis	Hypertension	

TESTIMONIALS

We have had the ICARE at Brooks Rehabilitation for over 2 years now. It is one of our most highly utilized pieces of equipment. We use the ICARE to treat patients with any gait or balance impairments regardless of diagnosis; Orthopedic, Neurologic, Geriatric, Bariatric, and Pediatric. The patients and staff love using the ICARE due to the versatility it provides as well as the ease of set up. The adjustability of speed and stride length ensure that training is customized to each patient and their specific needs. We have patients who come in just to use the ICARE in our independent program to maintain their health and quality of life.

Staff that use it enjoy that we can provide longer sessions of stepping with less assist from other staff and less need to muscle through a locomotor session on the treadmill. It also provides a way to increase stepping in a safe environment that we can work on functional tasks such as reaching and trunk rotations while the lower legs are moving to increase dynamic balance. Mostly, staff and patients like the fact that regardless of the level of function of the patient the ICARE provides the means to deliver a cardiovascular workout that no other machine can deliver.

We had a patient with a lumbar plexus palsy that was not able to generate a static EMG in his doctor's office, but when using the ICARE at a higher speed was able to generate a dynamic EMG. After months of rehab using the ICARE the patient was able to return to running and playing with his children with no assistive devices. His prognosis prior to this discovery and intervention would be all standing and walking tasks would need a locking knee brace.

Overall, the ICARE is a very affordable piece of rehabilitation technology that allows any clinician to deliver a highly intense intervention that can be geared toward any patient population.

-Robert J. McIver, PT, DPT, NCS
Director of Clinical Technology and Wellness | Brooks Neuro-Recovery Center Jacksonville, FL

BROOKS
Rehabilitation



SportsArt

MEDICAL PRODUCT CATALOG



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C521M | RECUMBENT CYCLE

- Bi-directional pedaling for better flexibility and rehab variations
- Adjustable cranks to vary pedal rotation for one or both sides
- Reclining seat back and pivoting arm rests for ultimate fit and comfort
- Cool mesh seat back with lumbar pouch for heat and cold pack therapy
- Ultra low start up resistance for infirm or deconditioned users



SPECIFICATIONS

Display: Dot Matrix LEDs

Resistance System: Electro-magnet, 1-20 levels in 0.1 increments

Workout Programs: Hill, Custom Interval, Manual, Track, Random, Cardio/Weight Loss HRC, Custom HR, Iso Kinetic, Iso Strength, 4 User IDs

Readouts: Workout Level, Calories, Time, RPM, Distance, METs, Watts, Speed, Heart Rate, Target Heart Rate

Heart Rate Tools: Heart Rate Control, Telemetry Heart Rate

Features: Step-through design, Bi-directional resistance, Fold up arm rests, Adjustable cranks, 4 bar seat carriage pivots, Resistance range in watts, Therapeutic Pedal (optional), Equipment mat: 2.5' x 5' (optional), Heart rate chest strap (optional)

Max User Weight: 205 kgs / 450 lbs

Dimensions (L x W x H): 1690 x 670 x 1270 mm (66.5 x 26.4 x 50 in.)

Net Weight: 83 kgs / 183 lbs

Gross Weight: 93.5 kgs / 206 lbs

Box Dimensions (L x W x H): 1720 x 475 x 780 mm (67.7 x 18.7 x 30.7 in.)

20' / 40' Qty: 36 / 74 Sets

UB521M | BI-LATERAL UPPER BODY ERGOMETER

- Tilting console and pivoting display offer customized fit for most users in seated or standing position
- Bi-directional resistance for varied exercise and therapy sessions
- Hand crank position rotates 180° for opposing or in unison arm motion
- Roll away seat carriage for wheelchair patients and optional wheelchair platform
- Adjustable ROM radius with 4 settings at 6.5", 7.5", 8.5" and 9.5"
- Belt drive offers quiet, smooth operation with seamless transition between forward and reverse motion



SPECIFICATIONS

Display: Dot Matrix LEDs

Resistance System: Electro-magnet, 1-20 levels in 0.1 increments

Workout Programs: Custom Interval, Random, Hill, Track, Iso Kinetic, Iso Strength, Custom HR, Cardio/Weight Loss, Custom HR, ActivZone

Readouts: Workout Level, Calories, Time, RPM, Distance, METs, Watts, Speed

Heart Rate Tools: Heart Rate Control, Telemetry Heart Rate

Features: Bi-directional handles, Vertically adjustable seat, Low starting resistance (< 5 watts), Wheelchair ramp (optional), Wheelchair tie down (optional), Grip assist gloves (optional)

Max User Weight: 227 kgs / 500 lbs

Dimensions (L x W x H): 1760 x 800 x 1905 mm (69.3 x 31.5 x 75 in.)

Net Weight: 88 kgs / 194 lbs | 27 kgs / 60 lbs

Gross Weight: 113 kgs / 249 lbs | 33 kgs / 73 lbs

Box Dimensions (L x W x H): 1750 x 520 x 1025 mm (69 x 20.5 x 40.4 in.) 1660 x 550 x 650 mm (24 x 21.7 x 25.6 in.)

20' / 40' Qty: 18 / 39 Sets



Wheelchair ramp

T655MD | TREADMILL

- ECO-DRIVE™ energy efficient 5 HP AC-Servo motor
- ECO-GLIDE™ automatic lubrication system
- MyFlex™ Plus deck cushioning provides 30% more shock absorption
- Detachable step
- -3% to 22% incline
- Reverse: 0.2-5 kph / 0.1-3 mph | Forward: 0.2-20 kph / 0.1-12 mph
- Handles adjust vertical and inward
- Wired Controller
- Optional EDAN ECG integration



SPECIFICATIONS

Display: Dot Matrix LEDs

Motor: 5.0 hp ECO-POWER™ motor

Speed Range: 0.2-20 kph / 0.1-12 mph | 0.2-5 kph / 0.1-3 mph backward rotation

Incline/Decline Range: -3%–22%

Workout Programs: Manual, Bruce, Modified Bruce, and Naughton

Readouts: Calories, Speed, Time, Distance, Cal/Hr, METs, Pace, Incline, Heart Rate, Weight Loss Zone, Cardio Zone, ActivZone

Heart Rate Tools: Heart Rate Control, Telemetry Heart Rate

Features: CSAFE port, ECO-GLIDE™ auto lubrication, Emergency stop, Dual headphone jacks, Detachable stepping stool, Medical classification II with Edan ECG compatible, Wireless heart rate receiver, Adjustable height and angle handrails, -3 to 22% incline, Standard wired controller remote, Integrated 3-speed fan (optional)

Max User Weight: 227 kgs / 500 lbs

Dimensions (L x W x H): 2635 x 1027 x 1462 mm (103.7 x 40.4 x 57.5 in.)

Gross Weight: 181.5 kgs / 400 lbs



Optional

Step platform

T655MS | TREADMILL

- ECO-DRIVE™ energy efficient 5 HP AC-Servo motor
- ECO-GLIDE™ automatic lubrication system
- MyFlex™ Plus deck cushioning provides 30% more shock absorption
- Bi-directional belt motion for retro walking and gait observations
- Decline to -3% grade for back and knee rehab
- Meets UL requirements for current leakage in a medical setting
- Full length medical side rails with pediatric lower sections for better patient stability



SPECIFICATIONS

Display: Dot Matrix LEDs

Motor: 5.0 hp ECO-POWER™ motor

Speed Range: 0.2-20 kph / 0.1-12 mph | 0.2-5 kph / 0.1-3 mph backward rotation

Incline/Decline Range: -3%–15%

Workout programs: Quick Start, Manual, Random, Interval (x3), Glute (x2), Hill (x3), 5K, 10K, Fat Burn, HRC (x3), Fitness Test (Bruce, Gerkin)

Readouts: Calories, Speed, Time, Distance, Cal/Hr, METs, Pace, Incline, Heart Rate, Weight Loss Zone, Cardio Zone, ActivZone

Heart Rate Tools: Heart Rate Control, Telemetry Heart Rate

Features: CSAFE port, ECO-GLIDE™ auto lubrication, Emergency stop, Dual headphone jacks, Detachable stepping stool, Medical classification II with Edan ECG compatible, Wireless heart rate receiver, Adjustable height and angle handrails, -3 to 15% incline, Wired controller (optional), Integrated 3-speed fan (optional).

Max User Weight: 227 kgs / 500 lbs

Dimensions (L x W x H): 2200 x 955 x 1440 mm (86.6" x 37.5" x 56.7")

Gross Weight: 191kgs / 400lbs



Optional

Wired controller

SportsArt

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version 01, 2024