The MS300 facilitates full-body exercise in coordinated, linear, and natural 1:1 leg to arm motion. Self-adjustable stroke length accommodates patients’ specific range of motion capabilities, providing low impact movement for knees, ankles, and hips in a semi-recumbent position. MS300’s unique quadrilateral exercise pattern allows users to selectively distribute different extent of exercise efforts across their four limbs. Those limbs that input more force can efficiently lead less involved limbs to functional movements and maintain elevated heart rate. A low inertia starting at 5 watts translates to smoothness; the work rate can increase up to 750 watts, accompanied by different step speeds of the user’s choice.
ADVANTAGES AND CLINICAL APPLICATIONS

COMBINED UPPER AND LOWER BODY movements provide a full-body workout, build strength and range of motion, and utilize wellness programs to increase longevity.

DEPENDENTLY LINKED linear motion pedals allow users to self-adjust the stroke length to accommodate their range-of-motion capabilities.

CLOSED KINETIC CHAIN exercise provides low impact movement with minimal stress on knees, ankles, hips and low back in a comfortable semi-recumbent position.

QUADRILATERAL EXERCISE PATTERN allows users to distribute the exercise efforts across four limbs. By reducing effort from the involved limb and transferring a greater effort to the uninvolved limbs, they will maintain an elevated heart rate to achieve exercise potential.

APPLICATIONS INCLUDE orthopedic, sports medicine, neurological, cardiac rehabilitation and senior rehab and wellness training.

MS300 ELECTRONIC & SOFTWARE FEATURES

- Unique symmetry program measures and displays power throughout the pedal stroke, biofeedback encourages patients to maintain power between right and left side
- Isookinetic resistance is an accommodating resistance that is patient-determined throughout the entire range of motion
- Large, easy-to-read displays: time, speed (steps per minute), step length, step count, watts, calories, METs, heart rate, resistance level, symmetry, and much more
- Programs include: manual, hill, plateau, interval, facility, HR and symmetry
- Intuitive interface for ease of operation

OPTIONS SOLD SEPARATELY

LOWER EXTREMITY STABILIZATION SET

HAND/WRIST STABILIZATION SET

EQUIPMENT SPECIFICATIONS

Power Train
- heavy duty, 8 groove poly-v belt for smooth, quiet operation and the foot pedal assembly rides on high-end linear bearings and guides

Braking Device
- eddy current brake (quiet, frictionless and maintenance free), small flywheel mass ensures a minimum starting torque providing low inertia

Power
- 100–240 volts AC (standard power supply)

Overall Dimensions
- 67” x 35” x 48”

Net Weight
- 258 lbs.

Max User Weight
- 440 lbs.

Certifications
- ISO 13485, IEC 60601-1-1, RoHS

WARRANTY INFORMATION

Commercial (All Facilities) – Lifetime frame, 5 years EMS brake, 3 years parts and labor

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