

The Accelerator does it all

Space Time and Energy efficient, its versatility covers all Ages for both Fitness , Rehabilitation and Athletic development, reflex training and all safely due to Isokinetic principle of no joint load.

*Compact and Computerised this little beast is a **Multi-functional Exercise and Assessment Isokinetic machine.***

It comes with a stand-alone Bench and 5 separate attachments on a stand that enables 12 different exercises to be performed.

It covers your Knees, Trunk, Hips, Chest, Shoulders, Back and Elbows which is great for rehabilitation but not to be ignored are Squats and Deadlifts, Shoulder Press and Upright row movements all of which will fire up your speed and explosive power.

Touch screen computer

Preloaded programs or create your own)

Records repetitions, PB, Speed /Power and comparison reports for motivation.

Features AND Facts

Rotary and Linear motion Hydraulic Resistance System

PC computer; Smart System Touch screen display

Heavy duty frame 5 attachments with stand

Detached Flat Bench

Adjustable Height

Variable speed control

No Joint Load

Compact Footprint 1.2mts x 1m x 1.2mts 120kgs

Multi function all joints

Pre loaded exercise routines or create your own

Workout results retrievable KPI PB

Accelerator will train at high speed for genuine fast twitch reflex gains up to 500° /sec Shows start of ROM to completion of ROM to validate a repetition Displays force bar in sequence

Cognitive training as PC screen motivates user to improve Tempo training for maximum speed V power output ratio Training credibility due to biofeedback

*Train for rehab soft tissue conditioning Improve muscle memory
Data Reporting and recording (Printer not supplied)*

Shows 8 individual reports. Endurance Strength Power Torque ROM Comparison

Reports show time to Peak Torque. Fatigue Ratio

Displays real time results

Sets performance targets

Multiple users screen From 1 up to 16 in a group

Billable quality reports

Dual concentric means 2 exercises in on one repetition

Multi function exercises as listed below

Chest press/Inverted

Shoulder press/Lat press

Bent over row/Tricep shrug

Squat /Calf raise

Leg extension/Curl (knee)

Trunk/Abdominal (Back)

Hip extension/ Glute extension (Hip)

Single leg extension / Curl (Knee)

Bicep/Tricep Curl (Elbow)

Up right row/Tricep extension (Shoulder)

Single arm shoulder /Arm extension

Motor lifts by gas strut assist for adjustable height requirements

Motor rotates 90° for some exercises

Has eccentric option if required

Has wheelchair accessibility if required

Safety. Stop motion and resistance ceases

Ease of set up

User can log in and safely operate . All preloaded programmes have video display of correct exercise form for first time users.

Software upgrades available when required

FDA approved

Patent Approved