



STRESS TESTING TREADMILLS



ISO 9001



The Trackmaster® TMX428 heavy-duty, medical treadmill is specifically designed to be interfaced with and controlled by a wide variety of Cardiac and Pulmonary Stress Testing Systems. Made in America since 1983, Trackmaster® is manufactured under a Quality Management System registered to ISO 9001 and complies with worldwide regulatory requirements. Tens of thousands are in daily use.

**With more user-preferred features than other stress testing treadmills, the Trackmaster® has a proven and dependable design including:**

- Smooth, quiet, zero-start, 4 HP (6 HP peak) hi-torque drive.
- Smooth, quiet linear actuator elevation system.
- Low-to-the floor, cushioned deck for patient comfort and safety.
- 22"x 63" (56 cm x 160 cm) running belt and safety handrails.
- Patented MasterTrack® belt alignment system eliminates off-center running belts.
- Exceptionally accurate, self-calibrating speed and elevation.
- Prominent emergency stop button and patient safety tether.
- Minimum maintenance.



## TMX428



**The easy to locate and easy to use emergency stop button can be installed on left or right treadmill handrails.**

For additional safety, a tether worn on the patient's wrist stops the treadmill when pulled.



**TMX428CP Controller**

### **Patented MasterTrack® Belt Alignment System**

Trackmaster's 22" (56 cm) running belt is the widest in the industry, which provides confidence to the user. MasterTrack® is a patented v-guide on the underside of the running belt, which matches grooves in the running deck and rollers. This prevents any lateral movement of the belt and eliminates belt alignment issues. In addition, the deck is mounted on shock absorbing isolators to minimize impact stress.

## TMX428CP

### **Shown with optional fully programmable controller**

For those applications requiring occasional independent control of the treadmill (not using the stress testing computer), the TMX428CP is the ideal choice with an easy to use, programmable controller that can be operated in manual mode.





## Trackmaster® Stress Testing Treadmills Specifications

|                                              | TMX428                       | TMX428CP              |
|----------------------------------------------|------------------------------|-----------------------|
| User weight capacity 500 lb/227 kg           | •                            | •                     |
| Safe, low-profile deck 7" (18 cm) from floor | •                            | •                     |
| 22" x 63" (56 x 160 cm) running surface      | •                            | •                     |
| Self-aligning running belt                   | •                            | •                     |
| Cushioned and reversible running deck        | •                            | •                     |
| All steel chassis                            | •                            | •                     |
| Powder Coat finish                           | •                            | •                     |
| Emergency stop and patient tether            | •                            | •                     |
| Space Requirements 33" x 78.5" (84 x 199cm)  | •                            | •                     |
| <b>Drive System</b>                          |                              |                       |
| Heavy-duty, 4 HP (6 HP peak) drive           | •                            | •                     |
| 208–240V, 50/60 Hz, dedicated 15A service    | •                            | •                     |
| 110V, 50/60 Hz, dedicated 20A service        | •                            | •                     |
| <b>Speed Range</b>                           |                              |                       |
| Zero start, .1–12 mph (.16–19 kph)           | •                            |                       |
| Zero start, .1–15 mph (.16–24 kph)           |                              | •                     |
| Self-calibrating                             | •                            | •                     |
| <b>Elevation Range</b>                       |                              |                       |
| 0–25%                                        | •                            | •                     |
| Self-calibrating                             | •                            | •                     |
| <b>Other Options</b>                         |                              |                       |
| Emergency stop                               | button on left or right side | buttons on controller |
| Adjustable front handrail                    | •                            | •                     |

Specifications subject to change without notice from the manufacturer.



### Warranty

Domestic—2 years parts, 1 year labor

International—3 years parts



Trackmaster® Treadmills meet all worldwide regulatory requirements and are listed by Intertek.

Our European Representative for Regulatory Affairs is the Emergo Group.

ISO 9001 registered



ISO 9001

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## Optional TMX428CP Programmable Controller

The TMX428CP can be operated in diagnostic mode (interfaced with a stress computer) or non-interfaced, independent mode. When the interface is active, only the emergency stop buttons on the controller are enabled. Once the computer program is closed, the controller reverts to full functionality. The controller can be operated manually and also has 5 preprogrammed stress protocols (Bruce, Gerkin, Naughton, Balke-M, Balke-F) and 5 preprogrammed fitness workouts. Additionally, there are 5 user defined, custom programs with 10 stages each.

In manual mode, the large, bright display shows Speed, Pace, Elapsed Time, Elevation, Distance, Calories, METS, Heart Rate and Target Heart Rate (user defined). Calculations are determined by ACSM formulas based on user weight, age and gender.

In pre-programmed or user programmable mode, the display will prompt the user to enter required data and will graphically display progress in the mode selected. If fitness or user defined modes are selected, elevation and speed can be adjusted when in use; the stress protocols cannot be adjusted.

### ■ Displays include:

- Protocol/workout name
- Stage number
- Stage time countdown
- Speed (mph/kph)
- Pace (minutes/mile or km)
- Distance (miles or km)
- METS, total calories
- Elevation
- Body weight, age, gender input
- Elapsed time

### ■ Message center

- Displays customized information
- Prompts unfamiliar users
- Quick programming inputs
- Diagnostic log, hour meter

### ■ Two built-in accessory holders

### ■ 5 preprogrammed medical protocols

### ■ 5 preprogrammed fitness workouts

### ■ 5 user programmable workouts, 10 stages each

### ■ Dual stop switches and safety tether

### ■ Calories/METS based on user weight, age, gender

### ■ Quick start, speed, elevation commands

### ■ Cool down command