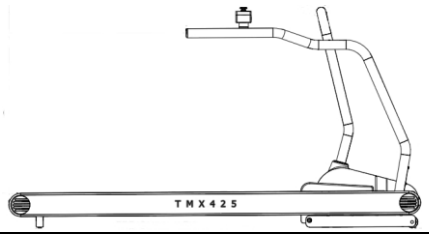
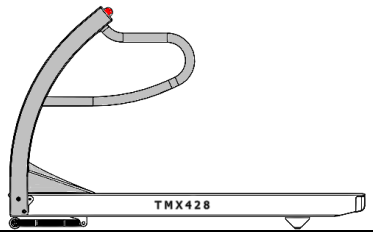
TMX425 & TMX428 COMPARISON

		
	TMX425	TMX428
PHYSICAL CHARACTERISTICS		
Step-up Height	7.0” from floor	7.0” from floor
Running Deck Area	22” x 63”	22” x 63”
Running Deck	Cushioned and reversible, self lubricating	Cushioned and reversible, self lubricating
Running Belt	Anti-static, 2-ply Polyester with PVC textured surface	Anti-static, 2-ply Polyester with PVC textured surface
Belt Tracking	Self aligning with adjustable rear roller	Self aligning with adjustable front and rear roller
Floor Space Requirement	33” x 88”	33” x 78.5”
Construction	All steel chassis	All steel chassis
Cosmetic Finish	Powder coat white body with black handrails	Powder coat subdued white with charcoal gray handrails
Emergency Stop Button	8 possible fixed locations	Right hand or Left hand Estop
Emergency Tether	Not available	Standard – opposite of Estop
User Weight Capacity	500 Lbs.	500 Lbs.
Treadmill Net Weight	480 Lbs.	425 Lbs.
INTERFACE		
Communication Protocol	Classic TRACKMASTER® Serial Communication Protocol	Classic TRACKMASTER® Serial Communication Protocol
Communication Port	RS232	RS232 and USB 1.0
DRIVE SYSTEM		
Drive Motor	2.2 HP AC inverter drive	4HP continuous (6HP peak) PWM DC brushless servo, improved torque at all speeds.
Power Requirements (dedicated)	110-120V, 50/60Hz, 20 amp 208-240V, 50/60Hz, 15 amp	110-120V, 50/60Hz, 20 amp 208-240V, 50/60Hz, 15 amp
No-slip elevated belt (at test end)	Not available	Belt locks 45 secs. when stopped
Drive Belt	Manually tensioned	Self adjusting
Elevation Motor	Linear Actuator with plastic gears	Linear Actuator with metal gears
PERFORMANCE		
Speed	.5-12 MPH	.5-12 MPH, .1-15 MPH (On CP)
Speed and Elevation Calibration	Self calibrating	Self calibrating
Elevation	0-25%	0-25%
SHIPPING		
Crate Weight	Domestic 600 LBS International 625LBS	Domestic & International 550LBS
Crate Size	Domestic 96” x 41”x 71” International 88” x 33.5”x 28.75”	Domestic & International 84” x 36” x 30.5”
Shipping Class	Domestic 161.6 Cubic FT Shipping Class 250 International 50.75 Cubic FT Shipping Class 92.5	Domestic & International 53.3 Cubic FT Shipping Class 92.5

TRACKMASTER® TMX428

TRACKMASTER® TMX428CP

TRACKMASTER® TMX428CP Controller Features

TMX428CP Operation in Manual Mode:

Displays incline, speed, time, distance, total calories, calories per minute, pace, heart rate, target heart rate, and METS. Energy is calculated based on gender and user weight. Target heart rate is calculated based on user's gender and age.

- Large LCD display
  - Speed (0.1 MPH to 15.0 MPH with speed increment of 0.1 MPH))
    (0.2 KPH to 24.0 KPH with speed increment of 0.1 KPH)
  - Pace (minutes/mile or km)
  - Distance
  - METS, calories/minutes, total calories
  - Elevation (.5% increment to 25% standard)
  - Body Weight (user input)
  - Elapsed time
- Two built-in accessory holders
- Dual stop buttons
- Pull Tether (standard)
- Calories/METS base on gender and user weight
- Cool down command

TMX428CP Operation in Programmable Mode:

Fitness Workouts and Custom Workouts have the same readouts as the manual operation. The Pre-Programmed Protocol workouts display time, stage countdown, incline, heart rate, target heart rate, and speed. In addition five pre-programmed protocols, five fitness workouts, and five custom workouts with up to 10 programable stages.

- Pre-Programmed Protocols
  - Bruce Protocol (Stage countdown)
  - Gerkin Protocol (Stage countdown and routine scoring)
  - Naughton Protocol (Stage countdown)
  - Balke "Male" Protocol (Stage countdown)
  - Balke "Female" Protocol (Stage countdown)
- Fitness Workouts
  - Interval Workout
  - Speed Interval Workout
  - High Intensity Speed Interval Workout
  - Peek Interval Workout
  - High Intensity Peek Interval Workout
- Custom Workouts
  - Five user defined programs (Up to 10 stages in each workout)