

T2100-ST2 treadmill



Advanced performance and reliability
in exercise testing



The T2100-ST2 treadmill features an extra-long, (63 in, 160 cm), and extra-wide (22 in, 56 cm) walking surface, as well as a zero-start feature that gradually increases speed for patient comfort and smooth operation. The T2100-ST2 can be stopped using several different methods to achieve the desired result. Decelerate slowly to a gradual stop using the emergency stop button, or stop quickly using the device keypad or the tether worn on the patient's wrist. All stop modes are available at all times giving the technician more control. The optional adjustable height front handrail provides easy access to various size patients as needed.

With fewer moving parts than other treadmills, the T2100-ST2 treadmill delivers smooth, quiet operation that facilitates accurate stress testing acquisition—even at high workloads. The speed range of 0.1 to 15.0 mph (0.2 to 24.0 km/h) self-calibrating and adjustable in 0.1 mph (0.1 km/h) increments helps to maintain protocol accuracy and repeatability even when testing heavy patients.

Because it is part of the T2100 series, the T2100-ST2 was designed as part of the GE Healthcare stress exercise solution, it communicates bi-directionally with GE Healthcare Stress ECG systems. This communication means both devices are constantly exchanging operating commands and data. This design helps to ensure device and procedural accuracy—and clinical confidence.

Feature highlights

- 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 in x 63 in (56 cm x 160 cm) running belt and handrails
- All steel chassis with powder coat finish
- 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 can be installed on either the left or right treadmill handle
- Minimum maintenance
- Optional height adjustable front handrail

Interface

- CASE™ Cardiac Assessment System for Exercise
- CardioSoft™ Diagnostic System multifunction PC-based diagnostic software

T2100 ST-2 treadmill

Safety systems	<ul style="list-style-type: none"> • Dual comparative speed sensors • Auto runaway shutdown • Auto communication loss shutdown • Manual twist lock Emergency Stop button • Manual Stop Tether • Braking system for safe patient off-loading • Fire-rated motor pan hood enclosure
Weight	<ul style="list-style-type: none"> • Patient weight capacity 500 lb (227 kg) • Treadmill net weight: 425 lb (193 kg)
Drive system	<ul style="list-style-type: none"> • Heavy-duty 4 hp. brushless, DC servo motor
Power requirements	<ul style="list-style-type: none"> • 220/240VAC, 1-phase, 50-60 Hz, 15-amp power supply • Must have dedicated 15A service
Speed range	<ul style="list-style-type: none"> • 0.1 to 15.0 mph, 0.2 to 24.0 km/h, self-calibrating and adjustable in 0.1 mph 0.1 km/h increments
Incline range	<ul style="list-style-type: none"> • 0 to 25%, 0.5% incremental movements, self-calibrating
Running surface	<ul style="list-style-type: none"> • 22 in x 63 in (56 cm x 160 cm) • MasterTrack® running belt tracking system • Cushioned running deck absorbs shock of foot falls • Self-lubricated and reversible running deck • Step-up, low profile deck height: 7 in (18 cm) from floor
Communication ports	<ul style="list-style-type: none"> • RS232 Female Serial port • USB 1.0 "B" port
Floor surface footprint	<ul style="list-style-type: none"> • 33.0 in x 78.5 in (84 cm x 200 cm) level surface
Operating and storage condition recommendations	<ul style="list-style-type: none"> • Operating temperature range: 4.5° to +38° C (+40° to +85° F) • Storage temperature range: -40° to +70° C (-40° to +158° F) • Operating and storage relative humidity range: 10% - 90%, non-condensing • Altitude: -50 to 5,280 feet (-15.24 to 1,609.34 meters)
Optional features	<ul style="list-style-type: none"> • Adjustable height handrail: 31.2 in to 37.5 in (79 cm to 92.5 cm) as measured from the top of the running surface



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