



GE HealthCare

T2100-ST Series Treadmills

Advanced performance and reliability in exercise testing



T2100-ST Series treadmills

The T2100-ST Series* treadmills feature an extra-long, and extra-wide walking surface, as well as a zero-start feature that gradually increases speed for patient comfort and smooth operation. Ensure device and procedural accuracy—and clinical confidence.

Optimized design

- With fewer moving parts than other treadmills, the T2100-ST Series treadmills deliver smooth, quiet operation that facilitates accurate stress testing acquisition—even at high workloads.
- Designed low-to-the floor, the T2100-ST Series offers a cushioned deck for patient comfort and safety
- 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

Stopping methods

The treadmills 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

Easy interface

The T2100-ST Series treadmills were designed as part of the GE HealthCare stress exercise solution, and it communicates bi-directionally with GE HealthCare Stress ECG systems. This communication means both devices are constantly exchanging operating commands and data. It can easily interface with:

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

Safety features

There is a prominent emergency stop button and a patient safety tether can be installed on either the left or right treadmill handle. Other safety features include:

- 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

T2100-ST2/T2100-ST1 treadmills specifications

Weight	Patient weight capacity: 500 lb (227 kg) Treadmill net weight: 425 lb (193 kg)
Drive system	Heavy duty 4 hp (6 hp peak) hi-torque drive, brushless, DC servo motor
Power requirements	T2100-ST1: 110-120 VAC, 1-phase, 60 Hz, 20-amp power supply. Must have dedicated 20A service T2100-ST2: 220/240 VAC, 1-phase, 50-60 Hz, 15-amp power supply. Must have dedicated 15A service
Speed range	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	0 to 25%, 0.5% incremental movements, self-calibrating
Running surface	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

Chassis material	All steel with powder coat finish
Communication ports	RS232 Female Serial port USB 1.0 "B" port
Floor surface footprint	33.0 in x 78.5 in (84 cm x 200 cm) level surface

Operating and storage condition recommendations

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:

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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*The T-2100-ST is available in 2 versions, T2100-ST1, 110V & T2100-ST2, 220V — see the Power Requirements for full information

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