

Stress Test treadmills

TM6 and TM7 - Robust and reliable treadmills



Highlights

High standards

The TM6 and TM7 are RoHS/WEE compliant, and ISO 9001:2015 and ISO 13485:2016 certified. They comply to MDD 93/42/ECC, incl. IEC 60601-1.

Compatible with Norav's Stress ECG Systems

The TM6 and TM7 can be controlled by Norav's stress test ECG and ergospirometry devices through the RS232 or USB port. This is possible because besides the programmed protocol, all known communication protocols are programmed as well.

Extremely accurate

The TM6 and TM7 treadmills are extremely accurate in their speed and angle settings.

Patient friendly treadmill

The treadmill offers ultimate comfort for the patient:

- low step-up height
- faultless operation
- smooth acceleration
- reliable and reproducible test results
- low noise

Easy to operate

For our products this means:

- easy to connect
- easy to move around
- easy user interface



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Modern designed treadmill specifically designed for cardio-pulmonary exercise testing. The low step-up height makes the treadmill perfectly suitable for all test subjects in the field of cardiology and pulmonary function. The emergency stop with magnetic lanyard on the standard front handrail provides additional safety for the user. The treadmill offers a smooth acceleration from 0 km/h and is continuously adjustable in a range of 0,5 – 20 km/h (0.3 – 12 mph). The standard elevation is 0-25% and the running surface is 50 x 150 cm. The TM6 treadmill is standard supplied without any display.

A USB A-B cable is standard supplied.

The TM7 programmable Control Unit includes:

Programmable Control Unit with 7" touch screen for Treadmill Programmable



Features

17 cm

Extreme low step-up height

To allow people to safely and comfortably step up the treadmill it is important to have a very low step-up height



Low noise

Material choices, refined components and accurate manufacturing techniques lead to low noise

0.1 km/h

Small adjustment steps

The speed of the treadmill can be adjusted in the smallest steps of only 0.1 km/h!



Low cover plate

The motor compartment of the treadmill is designed in such a way that the cover is only marginally higher than the belt surface. This allows for low camera positions in case the treadmill is used for gait analysis purposes. Also a therapist has the best possible view on feet and lower extremities



Robust design

The product is designed to withstand continuous heavy use by subjects in most weights and sizes



Versatile Interfacing

Various interface protocols guarantee perfect communication with all commonly known stress ECG and spirometry equipment



USB connectivity

USB to connect to PC or ECG or ergospirometry products facilitates easy connectivity



RS232 connectivity

RS232 ports enable connectivity to most ECG and ergospirometry devices as well as PC's



Standard Safety Lanyard

The product comes with a standard safety lanyard to enable automatic emergency stop

Stress Test treadmills

Robust and reliable treadmills that can be controlled by external devices



Specifications

Workload

Maximum speed	20 km/h	12.4 mph
Minimum operational speed	0.5 km/h	0.3 mph
Speed adjustment steps	0.1 km/h	0.1 mph
Positive elevation	25%	
Elevation adjustment steps	0.5%	

Comfort

Height handrail	90 cm	
Allowed user weight	225 kg	496 lb
Length handrail	85 cm	

User Interface

Terminal operation mode	✓
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Connectivity

OEM 2 ERM interface protocol	✓
"HP Cosmos" interface protocol	✓
Woodway" interface protocol"	✓
"Trackmaster" interface protocol	✓
"GE" interface protocol	✓
USB connector	✓
RS232 in connector	✓

Dimensions

Walking surface length	150 cm	59.1 inch
Walking surface width	50 cm	19.7 inch
Step up height	17 cm	6.7 inch
Product length (cm)	215 cm	84.6 inch
Product width (cm)	80 cm	31.5 inch
Product height	130 cm	51.2 inch
Product weight	149 kg	328.5 lbs

Power requirements

Power in Horse Power	5.5 HP
Maximum rated power input	2500 VA
115 V AC 50/60 Hz (2 phases)	✓
230 V AC 50/60 Hz	✓
Maximum motor power	1.8 KW

Standards & Safety

IEC 60601-1:2005	✓
ISO 13485:2016 compliant	✓
ISO 9001:2015 compliant Standard	✓
emergency lanyard	✓

Certification

CE class Im according to MDD93/42/EEC	✓
CB according to IECEE CB	✓

Programmable Control Unit

User Interface

Maximum programmed protocols	50
Preprogrammed protocols	9
English user interface	✓
Norwegian user interface	✓
Czech user interface	✓
Danish user interface	✓
Dutch user interface	✓
Finnish user interface	✓
French user interface	✓
German user interface	✓
Italian user interface	✓
Japanese user interface	✓
Korean user interface	✓
Polish user interface	✓
Portugese user interface	✓
Russian user interface	✓
Spanish user interface	✓
Turkish user interface	✓
Ukrainian user interface	✓
Actual and target grade	✓
Actual and target speed	✓
Readout distance	✓
Readout time	✓
Readout energy	✓
Readout mode	✓
Readout height	✓
Readout heart rate	✓
Manual operation mode	✓
Quick start operation mode	✓

Touch Screen Dimensions

Screen resolution	800 x 240 pixels
Product depth (cm)	10 cm 3.9 inch
Product length (cm)	24 cm 9.4 inch
Product width (cm)	18 cm 7.1 inch

*Specifications are subject to change without notice.