



## Treadmill Ergometers MTM-1500/1500 med

### Treadmills MTM-1500/1500 med Safe – soft – solid

The SCHILLER treadmill ergometers **MTM-1500** and **MTM-1500 med** are designed for stress tests, sports medicine and cardiology.

Both ergometers are equipped and tested with the latest safety systems and have been manufactured under the stringent quality requirements.



#### Features:

- Compatible with all SCHILLER Exercise ECG Recorders
- **MTM-1500 med: With Potential Equalization Transformer for Potential Isolation from the mains, according to IEC 60601-1 standard**
- Automatic control by computer via RS-232 interface (interface cable 5m included)
- Emergency-stop-switch, individually adjustable
- Steel tube handrail on 1 side; can be mounted on the left or right side or both sides (optionally)
- Automatic center-mechanism of the running surface

#### Benefits:

- Very long lifespan thanks to its high manufacturing quality
- Excellent price/performance ratio
- Extremely safe device
- Very soft/quiet motor system
- Maintenance-free motor
- Modern design
- Easy, external lubrication of the running surface by included service-set
- Terminal software allows the configuration of predefined protocols etc. and serves as a service tool for operation tests





# Treadmill Ergometers MTM-1500/1500 med

## Technical Data MTM-1500/1500 med:

### Dimensions:

**Running Surface:** 50 x 150 x 16 cm (W x L x Access), shock load reduction for the joints; belt surface with non-slippery material

**Size of frame:** 82 x 210 x 120 cm (W x L x H)

### Weight:

Approx. 200 kg

### Speed Range:

0 – 20 km/h

### Acceleration:

7 levels (in 3 to 131 sec. from 0 to max. speed); also for deceleration, for manual or program mode

### Grade Range / Elevation:

0 - 24 %, electronically adjustable, resolution 0.1 %; 3 electronic motor break system prevents from accelerating when running at max. elevation

### Motor System:

1.5 kW (2.0 HP) 3-phase A.C. motor (maintenance free)

### Power Transmission:

Poly-V-Belt drive (very quiet operation)

### Safety Systems:

CE-0123, IEC EN 60335-1 (VDE 0700); IEC EN 60601-1-2 (EMC approval); IEC EN 60601-1-4 (VDE 0701); EN 957-1, EN 957-2, EN 957-6; emergency stop switch

### For MTM-1500 med (in addition to the above-mentioned):

MDD, guideline 93/42 EEC for med. devices, IEC EN 60601-1 (VDE 0750 and VDE 0751); Potential Equalization Transformer for Potential Isolation from the mains; emergency stop switch with mains cut

### Digital Interface:

1 x RS-232 COM1 incl. PC-, CosCom-, Blood Pressure-Monitor-, ECG-, Ergo-Spirometry- and series-printer protocol

### Free PC software:

h/p cosmos para control for display and remote control via PC

Various error messages in the form of alarm beep codes are available for error diagnosis. These beep codes can also be sent over the telephone line for remote diagnosis

### Colour of frame:

Grey aluminium, other colors available on request

### Handles:

Steel tube handrail on one side; this siderail can be mounted on the left or right; second handrail available at extra charge; frontbar handle as standard

### Voltage supply:

220/240 Volt, 50/60 Hz, 1 phase AC, 16 Amps; special voltage supply available on request.

**For MTM-1500med (in addition to the above-mentioned):** 110/120 Volt (performance limitation)

Subject to technical alterations without prior notice.

**This confidential datasheet is a provisional version and for SCHILLER distributors pre-information only!**



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