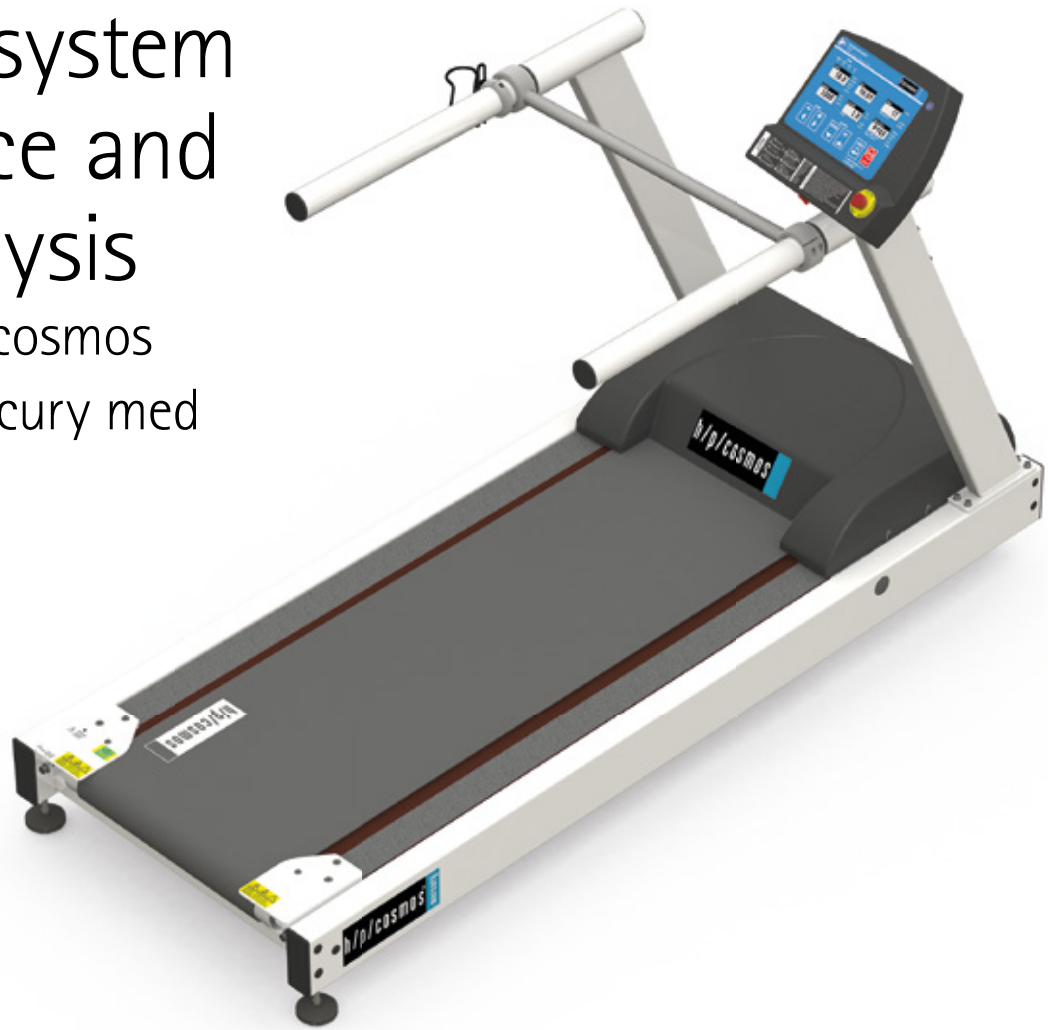


FDM-THM

readmill system for stance and gait analysis

Treadmill h/p/cosmos

mercury / mercury med



The appropriate treadmill for every application: The treadmill system FDM-THM allows for dynamic stance and gait analysis via pressure distribution sensor technology underneath the belt.

The h/p/cosmos mercury is the all-rounder among the treadmill ergometers. It is suitable for the fields sport, rehabilitation and medical research.

- Versatile application with many options and a high degree of expandability
- Sensor matrix with individually calibrated, capacitive pressure sensors
- Analysis of the pressure, time and step parameters and the gait symmetry
- Configurable reports
- Software with database, real-time analysis, signal viewer, report generator and data export function
- Optionally combinable with synchronized camera systems from zebris

Technical data FDM-THM

Treadmill h/p/cosmos mercury / mercury med

Treadmill	
Speed	0 to 22 km/h in 0.1 km/h steps
Running area	150 x 50 cm
Motor	3.3 kW
Weight	approx. 220 kg
Dimensions (L x W x H)	210 x 82 x 136 cm
Step height	18 cm
Incline adjustment	0 to 25 % in 0.1 % steps
Max. user weight	200 kg
Colour	pure white RAL 9010
FDM sensor	
Measuring range	1 to 120 N/cm ²
Sampling rate	120 Hz optional 240 Hz
Sensor area	2i: 111.8 x 49.5 cm; 3i: 108.4 x 47.4 cm
Number of sensors	2i: 3,432; 3i: 7,168
Accuracy	1 to 80 N/cm ² ± 5 % (FS)
Hysteresis	1 to 80 N/cm ² ≤ 3 %
Interface	SYNC IN/OUT and Video SYNC
PC interface	USB

Optional



Arm supports adjustable in height and width



Handrails long



Unweighting system, adjustable handrails



Safety arch with fall stop incl. chest belt



Robowalk® Expander system