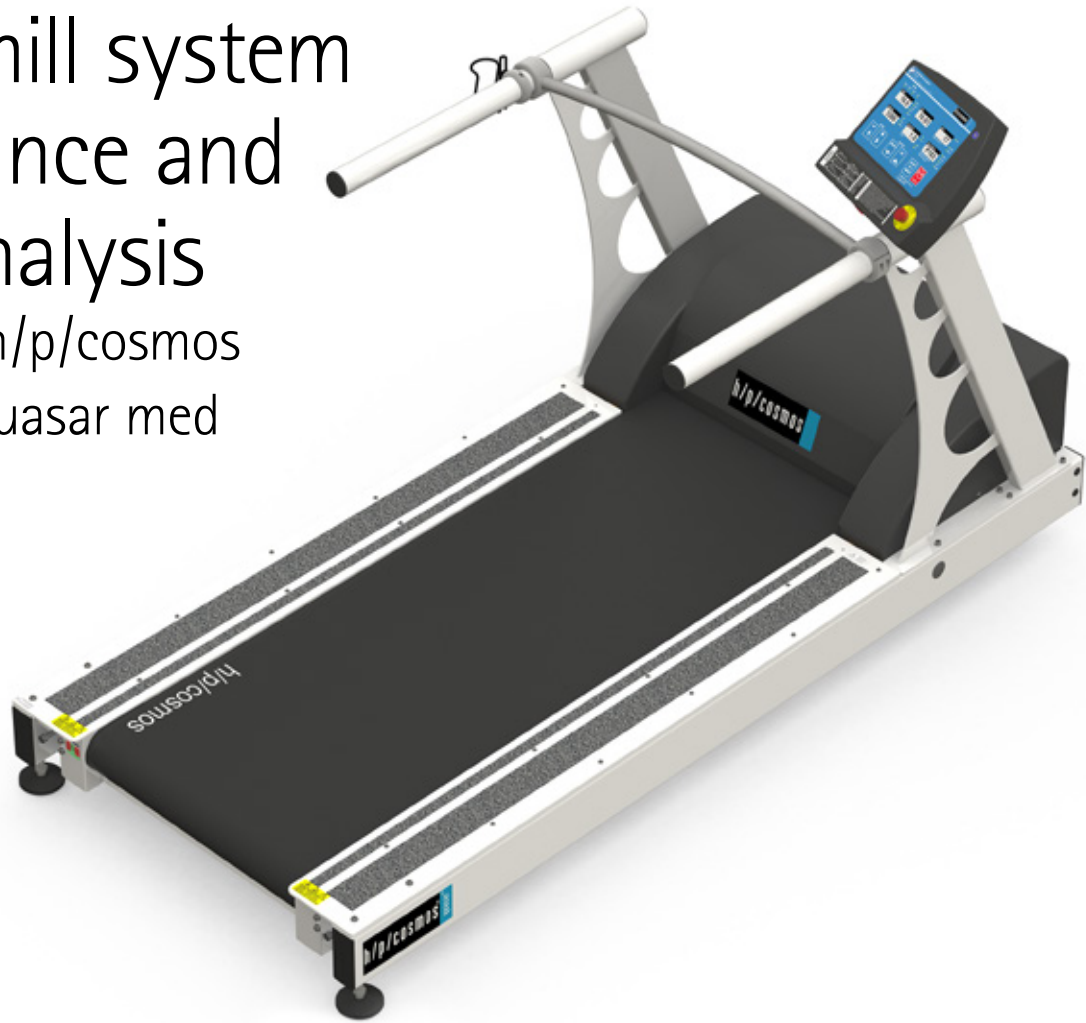


FDM-THQ

treadmill system
for stance and
gait analysis

Treadmill h/p/cosmos
quasar / quasar med



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

Due to the big running area the h/p/cosmos quasar is the convenient solution for gait training and treadmill analysis. This makes it versatile in the fields medicine, research and sport.

- 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-THQ

Treadmill h/p/cosmos quasar / quasar med

Treadmill	
Speed	0 to 25 km/h in 0.1 km/h steps
Running area	170 x 65 cm
Motor	3.3 kW
Weight	approx. 309 kg
Dimensions (L x W x H)	230 x 105 x 145 cm
Step height	23 cm
Incline adjustment	0 to 28 % 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 300 Hz
Sensor area	2i: 132.1 x 55.9 cm; 3i: 135.5 x 54.1 cm
Number of sensors	2i: 4,576; 3i: 10,240
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