

h/p/cosmos cycling

h/p/cosmos saturn 300/100r



[Illustration non-binding]

medical

pos.	order number	product description	price
01	cos07201050000	Running machine h/p/cosmos saturn 300/100r Running surface 300 x 100 cm, Speed 0 ... 40 km/h, Elevation -25 ... +25 %, Drive motor 7.5 kW / 10 HP Special running surface for cycling and wheel chair applications, external control unit, 2 interface ports COM1 & COM2 for PC-, ECG, Ergospirometry-, Blood pressure system or Printer, incl. PC software h/p/cosmos para graphics for control and visualisation	
02	cos00096110029	Special speed 0 ... 60 km/h, incl. 11.0 kW / 15 HP drive motor (surcharge)	
03	cos14192	Handrail detachable 1/3, long/short (surcharge)	
04	cos10172	Safety arch with chest belt and harness	
05	cos13476	DELL Laptop Computer (details on request)	
06	cos13321	Monitor-/Laptop arm, movable, mounting at the external control unit	
07	cos14708	Software h/p/cosmos para analysis 2.0 "professional" - sports medical evaluation software with integrated treadmill control software and training plan	
08	cos14954	h/p/cosmos satellite print - printer-set for direct documentation without PC, incl. laser printer, RS232 converter with cable, printer trolley	
09	cos00097010035	2. interface cable RS232, 10 m (1 x 5 m incl. with the running machine)	
10	cos12769	2 interface adapter USB / RS232	
11	cos10223	Potential equalization cable, 5 m (required for medical systems)	
12	cos10180	Transport, installation and instruction	

System h/p/cosmos cycling

E & OE. Subject to alterations without prior notice. System- and Software-training as well as workshops on request. Special accessories and custom made running machines for special applications on request. Manufacturer: h/p/cosmos sports & medical gmbh, Am Sportplatz 8, DE 83365 Nussdorf-Traunstein / Germany, phone + 49 / 8669 / 86 42 0, fax + 49 / 8669 / 86 42 49
sales@h-p-cosmos.com www.h-p-cosmos.com

Running-Machine:	h/p/cosmos saturn 300/100r treadmill ergometer with user terminal (display & keyboard) stand-alone & remote control via RS232
Applications:	running, cycling, wheelchair for sports, sports science, cardiology, stress tests & medicine
running surface:	length 300 cm / 118.11", width 100 cm / 39.37", access height 45 cm - special size on request - shock load reduction for the joints - belt surface with non slippery material - computer controlled lubrication system - max. permissible load: 280 kg / 616 lbs
speed range:	0 ... 40.0 km/h / 0...11.1 m/sec. / 0...25.0 mph special speed up to 80 km/h on request
acceleration:	7 levels (in 3 ... 131 sec. from 0 to max. speed) also for deceleration
elevation:	-25 ... +25% (0 ... 14°) adjustable electr., resolution 0.1 % special elevation on request, electronic motor break system prevents from accelerating when running at max. elevation
running direction:	switch for reversing running belt direction, safety-harness required
motor system:	7.5 kW / 10.2 HP, 3phase A.C.motor, maintenance free
power transmission:	timing belt drive (non slip certificate)
safety systems:	CE0123, MDD, Guideline 93/42 EEC for med. devices IEC EN 60335-1 (VDE 0700); IEC EN 60601-1 (VDE 0750) IEC EN 60601-1-2 (EMC approval); IEC EN 60601-1-4 VDE 0701; VDE 0751; EN 957-1; EN 957-6; emergency-off-switch (mains cut), Potential-Equalization Transformer for Potential-Isolation from the mains. light barriers at belt re-entry zones. Quick-STOP
display(resolutions):	6 LCD displays, 4 LED for operation mode, 20 LEDs: display of units and profile no., steps, etc. speed (0.1 km/h or m/sec or m/min or mph), time (00:00) in hours, minutes & seconds, elevation (0.1 %/ °) distance (1 meter ... 999.9 km or miles), METS (1 MET) program step/number, energy (1 kJ/kcal), fitness index(1) power (1 Watt), heart rate (1 bpm/beat per minute)
heartrate monitoring:	POLAR wireless, 6-channel receiver, ECG-accurate, measuring and display beat to beat
heartrate control:	automatic control of speed and elevation according to programmed target heart rate („cardio mode“)
interface digital:	2 x RS232 COM1+2 incl. PC-, CosCom-, Blood-Pressure-Monitor-, ECG-, Ergospirometry- & series printer protocol
programs:	20 programs & profiles - 6 exercise profiles (scalable, 131 variations) - 10 test profiles (UKK Walktest, Cooper, Conconi, Graded Test etc.) - 4 free defineable profiles, 10 steps each
free PC software:	h/p/cosmos para control for display and remote control, h/p/cosmos para graphics - PC software for monitoring, recording and control, incl. 1 RS 232 interface connection cable 5m
colour of frame:	grey aluminium RAL 9007 (powder coated), other colours on request
handrails:	steel tube handrails on both sides, frontbar handrail
voltage supply:	380/420 Volt, 50/60 cycles (Hz), 3 phase AC, 32 Amps special voltage supply available on request
size treadmill frame:	length 340 cm / 133.86", width 140 cm / 55.12", height 134 cm / 52.74"
size control unit:	width 80 cm / 31.5", deep 48 cm / 18.9", height 100 cm / 39.4"
weight:	approx. 1300 kg / 2860 lbs
E & OE. Subject to alterations without prior notice. Further details & accessories on request.	

Authorised h/p/cosmos dealer