



Distributor:
MESA Medizintechnik GmbH
Schärflmühlweg 4
D-83671 Benediktbeuern

Phone: +49-8857-6918-0
Fax: +49-8857-6918-29
email: info@mesamed.de
Homepage: www.mesamed.de

ergosana



sana bike 450F / 350F / 320F

Ergometer with blood- pressure measurement

sana bike 450F / 350F / 320F



- NIBP integrated
- Easy to use
- Large graphic display
- Data transfer to all ECG possible
- Chip card prepared



- Noiseless drive
- Load range 20- 800 Watt
- Medical accuracy
DIN VDE 0750- 238



- Lowest entrance



Technical Data

Ergometer Type		450F	350F	320F
Nearly noiseless and maintenance free drive with V-belt (no chain)		☺	☺	☺
Braking principle	Computer- controlled brakes with permanent measurement of torque. Braking performance is independent of revolutions per minute.	☺	☺	☺
Load range	20 bis 800 watts	☺	☺	
Load range	20 bis 400 watts			☺
Range of revolutions	30 to 130 rpm for pedals	☺	☺	☺
Load precision	3% not less than 3 watts	☺	☺	☺
Load parameters	1. According to the selected internal load program 2. Parameters from external master unit via interface, smallest resolution 1 watt 3. Manually, in 5 watt steps	☺	☺	☺
Load software	5 freely programmable ergometry programs 1 automatisches regelndes Puls-Steady-State Programm	☺	☺	☺
Time intervals	1 min to 99 min	☺	☺	☺
Anzeige	Graphic LCD with 320 x 240 pixels, CCFT backlight.	☺	☺	☺
Blood pressure measurement	Indirectly, with a specific, modified measuring system based on R-R and computer analysis including maximal suppression of artefacts during ergometry. Automatic deflation rate of 3mmHg/pulse. Measuring range 40- 300 mmHg.	☺	☹	
Pulse measurement	With a blood pressure unit or an optional Polar pulse monitoring system; Puls rate 35 to 240	☺	☺	☺
Seat adjustment	Infinitely variable for heights from 120 to 210 cm.	☺	☺	☺
Maximal permissible Patient weight	160 kg	☺	☺	☺
Long-term accuracy	Torque control according to weight.	☺	☺	☺
Power supply	230 VAC 50-60 Hz, 115 VAC 50-60Hz	☺	☺	☺
Electric inputs/outputs	RS- 232, (galvanically isolated).	☺	☺	☺
Base dimensions	40 x 83 cm	☺	☺	☺
Weight	60 kg	☺	☺	
Weight	43 kg			☺