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**sana bike 450F / 350F / 420F / 320F**

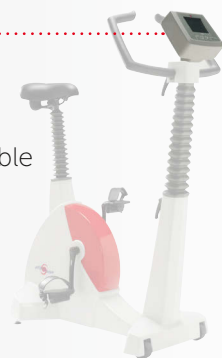
Ergometer with blood pressure measurement



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

- Noiseless drive
- Load range:  
Modell 420F/320F: 20-400 watts  
Modell 450F/350F: 20-999 watts
- Medical accuracy  
DIN VDE 0750-238

- Lowest entrance



## Technical Data

Ergometer Type	450F	350F	420F	320F
<b>Nearly noiseless and maintenance- free drive with V-belt (no chain)</b>	•	•	•	•
<b>Braking principle</b>	Computer-controlled brakes with permanent measurement of torque.			
<b>Load range</b>	•	•		
<b>Load range</b>	1 to 999 watts			
<b>Load range</b>	1 to 400 watts			
<b>Range of revolutions</b>	•	•	•	•
30 to 130 rpm for pedals Braking performance independent of revolutions per minute.				
<b>Load parameters</b>	1. According to the selected internal load program 2. Parameters from external master unit via interface, smallest resolution 1 watt steps 3. Manually, in 5 watt steps			
<b>Load software</b>	•	•	•	•
5 freely programmable ergometry programs 1 automatic controlled Pulse-Steady-State Program				
<b>Time intervals</b>	•	•	•	•
<b>Display</b>	•	•	•	•
Graphic LCD with 320 x 240 pixels, CCFT backlight.				
<b>Blood pressure measurement</b>	•	•	•	
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.				
<b>Pulse measurement</b>	•	•	•	•
With a blood pressure unit or an optional Polar pulse monitoring system				
<b>Seat adjustment</b>	•	•	•	•
Infinitely variable for heights from 120 to 210 cm.				
<b>Maximal permissible Patient weight</b>	•	•	•	•
160 kg				
<b>Long-term accuracy</b>	•	•	•	•
Torque control according to weight.				
<b>Power supply</b>	•	•	•	•
230 VAC 50-60 Hz, 115 VAC 50-60Hz				
<b>Electric inputs/outputs</b>	•	•	•	•
RS-232, (galvanically isolated).				
<b>WLAN</b>	•	•	•	•
Data transfer /control of load, NIBP and Spo2				
<b>Base dimensions</b>	•	•	•	•
40 x 83 cm				
<b>Weight</b>	•	•		
60 kg				
<b>Weight</b>			•	•
43 kg				