



CYCLUS 2

CONCENTRIC

Technical Details

RECUMBENT CONCENTRIC

RECUMBENT CONCENTRIC CY00500

Power Accuracy (up to 100 W)	2 watts
Power Accuracy (greater than 100 W)	2%
Minimum power workload	20 watts
Maximum power workload (short term)	1500 watts
Cadence Accuracy	1 RPM
Minimum Cadence at 50/13	30 RPM
Maximum Cadence at 50/13	200 RPM

Load Modes

Power	✓
Torque	✓
Simulation (Drag, Rolling Friction, Downhill Force)	✓
Isokinetic	✓

Control Panel

10.4 inch Color Display	✓
Load Profile Editor	✓
Load Profile Generator	✓
User Languages	DE, EN, FR, ES, IT, JP, PT, RU

External Control

CPET	✓
ECG	✓
Training Platform (e.g. Zwift)	✓

Integrated Tests

Incremental Test	✓
Wingate Anaerobic Test	✓
Maximum Strength Test	✓
Maximum Cadence Test	✓
PWC-Test	✓

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Data Export

PDF File	✓
TIFF File	✓
CSV File	✓
FIT File	✓

Connectivity

Bluetooth Low Energy (Bluetooth 5.2)	✓
Ethernet 10/100 Mbit	✓
USB 2.0	✓ 2 pcs
RS232	✓
WLAN (802.11g)	✓ option

Protocols

Bluetooth FTMS (Fitness Machine Service)	✓
Ergoline (RS232)	✓
Ergoline (Winsocket)	✓
Cyclus2 Protocol (RS232)	✓
Cyclus2 Protocol (Winsocket)	✓

Compatible Bluetooth Sensors

Heartrate Monitors	✓
VO2 Master Pro	✓
MOXY	✓
CORE	✓
Powermeter	✓
Lactate Scout	✓
Lactate Express	✓

Compatible USB Devices

USB Flash	✓
USB Keyboard	✓
USB Printer (PCL3, PCL5)	✓
Handle Bar Switches	✓

Network Features

Network Printer (PCL)	✓
Remote Control / Screen Sharing (VNC)	✓
Data Access (FTP)	✓

Drive


Shimano Freehub Body	
Cassette	
Single Speed	✓
Sprocket	✓ 15T freewheel
Convertible for Campagnolo Freehub Body	

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Bike Mounting Interface

Front Leg	
Brake Unit	
Convertible for Through Axle	
Convertible for Single Speed	
Convertible for Freewheel Hub with Cassette	
Convertible for 130 mm (M10)	

General

Power supply	internal
Emergency Stop Bottom	
Supply voltage	100-240V AC/ 50-60 Hz
Maximum power consumption	6 watts
Power independent operation (while pedaling)	
Setup Area	195 x 65 cm
Weight	70 kg
Transport Case	