



CYCLUS 2

CONCENTRIC

Technical Details

SPRINT CONCENTRIC

SPRINT CONCENTRIC CY00200

Power Accuracy (up to 100 W)	2 watts
Power Accuracy (greater than 100 W)	2%
Minimum power workload	40 watts
Maximum power workload (short term)	3000 watts
Cadence Accuracy	1 RPM
Minimum Cadence at 50/13	30 RPM
Maximum Cadence at 50/13	300 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	✓

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	✓ 12T
Convertible for Campagnolo Freehub Body	✓

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Bike Mounting Interface

Front Leg	100 mm (quick release)
Brake Unit	120 mm (M10)
Convertible for Through Axle	✓
Convertible for Single Speed	✓
Convertible for Freewheel Hub with Cassette	✓
Convertible for 130 mm (M10)	

General

Power supply	wall power supply
Emergency Stop Bottom	
Supply voltage	100-240V AC/ 50-60 Hz
Maximum power consumption	6 watts
Power independent operation (while pedaling)	✓
Setup Area	140 x 50 cm
Weight	35 kg
Transport Case	76 x 45 x 47 cm

RBM elektronik-automation GmbH

Weißenfelsener Straße 73, D-04229 Leipzig, Germany

Phone: +49 (0) 341 47 83 95 00 • E-mail: contact@cyclus2.com

www.cyclus2.com