

## CYCLUS 2

recordtrainer



[ Illustration non-binding. Bicycle frame not included. ]

### The perfect combination for training and performance diagnostics - the CYCLUS 2.

Based on years of experience in competitive sports and using the trusted principles of a proven ergometer, the CYCLUS 2 was developed in close co-operation with trainers, medical experts and athletes. This high-performance sports ergometer combines the most modern technologies with a wide range of individual application. It thus constitutes the perfect combination for training and sports diagnostics.

#### Training and Test

Road and track cyclist, triathletes and mountain bikers all use the CYCLUS 2 to prepare for race events as they can use their own racing bike while simulating the course profile. Medical staff and trainers value the wide range of tests which this machine can conduct and the accurate test results produced.

Diverse analytical capabilities allow exact performance analysis. The highly sophisticated brake system and the computerized control mean that even the slightest of changes in condition can be detected.

Using the CYCLUS 2 offers the opportunity of applying their own training methods in competitive sports. The enormous braking power, combined with its direct transmission and specific regulation, provide an entirely new training's appeal, to surpass previous performance limits.



A computer with colour monitor is responsible for controlling the CYCLUS 2. The operation with 8 keys is menu-driven. All important data is permanently shown and can be limited by setting certain parameters. The diagram is individually scaleable and displays e. g. heartrate and performance curves. The control panel has an integrated serial interface, telemetric heartrate measurement as well as a drive for PCMCIA memory cards.

### Specifications

- brake system up to 3,000 watt - permanent energized DC motor, no relevant deviation of the performance by differences in temperature [  $\pm 2\%$  , max. 5 Watt ]
- non-slip load transmission, realistically simulated moment of inertia
- computerized control
- integrated measurement of cadence
- 9-fold pinion, rigid motion for track cycles
- use of own bicycle, adjustable mounting
- patented flexible suspension of the frame
- natural side-to-side movement when pedalling
- own gear system and gear transmission
- PC control with h/p/cosmos para analysis® „pro“

Power supply: 12 Volt power supply unit for 220 Volt, mains-free operation possible (accu)

Dimensions: width 53 cm, height 102 cm, length 105 ... 142 cm

Device weight: 30 kg / incl. transport case 40 kg

Shipping data: cardboard box 80 x 40 x 57 cm, weight 42 kg

### Programs

- Sine test / -training
- Graded test incl. lactate evaluation
- Conconi test
- Maximum strength test
- Maximum cadence test
- Sprint test / -training
- CPI test
- PWC test, Wingate test
- Course simulation

### Order numbers

CYCLUS 2 recordtrainer	cos14155
aluminium case 52 x 73 x 34 cm, weight 10 kg	cos14156
PC interface incl. connection cabel	cos14157



Authorised h/p/cosmos dealer

sales & service: h/p/cosmos sports & medical gmbh [www.h-p-cosmos.com](http://www.h-p-cosmos.com)  
 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