



## Rehabilitation cycle ergometer h1014\_02

Cycle ergometer with electrodynamic brake and easy access. Dimensions: L 110 x D 53 x H 130 cm.

The **H1014\_02 cycle ergometer** is a professional medical device designed for **cardiological, motor, and respiratory rehabilitation** in **hospital, outpatient, and clinical** settings. Its structural and functional features make it ideal for a **gradual and controlled assessment of effort**, both for patients in the post-acute phase and in the preventive field.

Equipped with a **10.1" resistive touchscreen monitor**, the cycle ergometer is managed by an **iMX6 DL PC with Linux operating system**, ensuring an intuitive and stable interface. The load system is entrusted to an **electrodynamic brake** independent of the pedaling frequency, with **1-Watt increments** up to **700 constant Watts**, allowing **extremely precise control of the applied effort**.

The **chain drive** and **pedaling speed from 3 to 130 RPM** allow for simulating a wide range of effort conditions, while the **integrated LED scale** displays the revolutions (RPM) on the opposite side of the display, facilitating visual monitoring also by healthcare personnel.

Access is facilitated by an **open and stable structure**, ideal for patients with reduced mobility. The **adjustable saddle** accommodates users with heights from **120 to 210 cm**, supporting a maximum weight of **180 kg**. The **360° adjustable handlebar** and the **180° swivel console** offer **total flexibility to adapt to every therapeutic need**.

The cycle ergometer complies with the **CE 93/42/EEC directive**, intended for professional medical use, and equipped with all components for immediate and safe use.

Choose the **H1014\_02 cycle ergometer** now for your rehabilitation facility. Reliable, precise, and versatile. Contact us for multiple orders or for a personalized quote.

### Technical features:

- **Dimensions:** L 110 x D 53 x H 130 cm
- **Device weight:** 60 kg
- **Monitor:** 10.1" resistive touchscreen
- **Operating system:** Linux (PC iMX6 DL – 1 GB RAM, Micro SD 8 GB)
- **Resistance:** 0 – 700 constant Watts, 1-Watt increment
- **Brake type:** Electrodynamic, independent of RPM
- **Drive:** Chain
- **Pedaling speed range:** 3 – 130 RPM
- **RPM indication:** Colored LEDs on the opposite side of the display
- **Power supply:** 100–240V~ 50–60 Hz, 1.6–0.7A
- **Adjustable saddle:** For users from 120 to 210 cm
- **Maximum user weight:** 180 kg
- **Certification:** CE 93/42/EEC (Medical Device)
- **Integrated transport wheels**
- **Power cable**
- **RS232 cable**
- **180° swivel console**

- **360° adjustable handlebar**

#### **User benefits:**

- **Allows:** controlled and personalized rehabilitation.
- **Guarantees:** easy access even for patients with motor difficulties.
- **Offers:** great stability and comfort during use.
- **Brake:** independent of pedaling for uniform sessions.
- **Handlebar:** adjustable console for total adaptation.

#### **FAQ:**

**1. Is this cycle ergometer suitable for cardiac rehabilitation?**

Yes, it is specifically designed for rehabilitation protocols in clinical and hospital settings.

**2. Is it compatible with heart monitoring devices?**

The H1014\_02 model is equipped with an RS232 port, useful for integration with external instruments, but does not include a BLE heart rate strap.

**3. Is external software required to control it?**

No, it is equipped with an integrated PC with a simple and functional touchscreen interface.

**4. Is it easy to use for patients with reduced mobility?**

Yes, thanks to the easy-access design and adjustable saddle, it is also suitable for elderly patients or those with motor disabilities.

**5. What is the maximum weight supported?**

It can support users up to 180 kg.

#### **Mini buying guide:**

A **rehabilitation cycle ergometer** must guarantee **effort precision, accessibility, and flexibility of use**.

The H1014\_02 model fully meets these requirements thanks to an **electrodynamic brake independent of RPM**, a **solid structure with easy access**, and **digital management of rehabilitation protocols** via touchscreen.

The CE 93/42/EEC certification makes it suitable for use as a **medical device in public and private health facilities**. It is particularly indicated for **cardiology, physiotherapy, geriatrics, and neuromotor rehabilitation**.

*Hospital rehabilitation cycle ergometer, cycle ergometer with easy access, ergometer with independent electrodynamic brake, medical device for cardio rehabilitation, CE certified touchscreen cycle ergometer.*

*\*Images purely indicative.*

## **INFORMATION**

