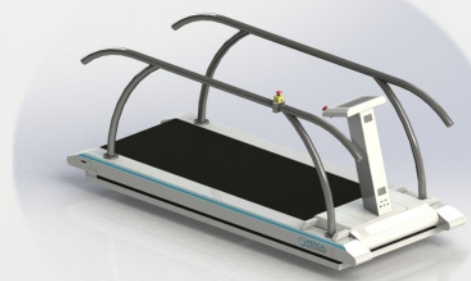


Medical ergometer **Cyline 200**



Ergometer for upper and lower limbs **CYLINE 200**

Medical professional use and for high-level athletes

The Cyline 200 is configurable, in order to respond as well as possible to your needs, by choosing the type of use, the control, the mounting, ...

Polyvalent and robust, it allows exercising upper and lower limbs.

The activities are managed with a complete and intuitive interface.

Advanced technical design, inducing a very low noise level and a reduced maintenance is used.

Applications

The medical approach is the focus of **Cyline 200** conception.

With its different configurations, it will be able to respond to all your needs:

- | **Cardio-vascular disease** : after a bypass surgery, angioplasty, heart transplant.
- | **Transplants** : liver, kidneys, bone marrow.
- | **Respiratory failure** : training, rehabilitation.
- | **Diseases** : vascular and neurological.
- | **Geriatrics** : movements, respiratory exercises.
- | **Orthopedics** : rehabilitation, limbs movements.
- | **Quantification of the physical activity** : cardiac catheterization, echocardiography, scanning.

Characteristics

- | **Continuous movement**, allowed by using a flywheel.
- | **Breaking**, with a magnetic break.
- | **Training sequences**, allowing to adjust the exercises, depending the user.
- | **Patients follow-up**, allowing to manage the users and theirs exercises.
- | **Continuous effort mode**: it allows applying a pedalling force with a continuous effort, at any pedalling speed.
- | **Continuous power mode**: the power depends of the product of working load and rotation speed.

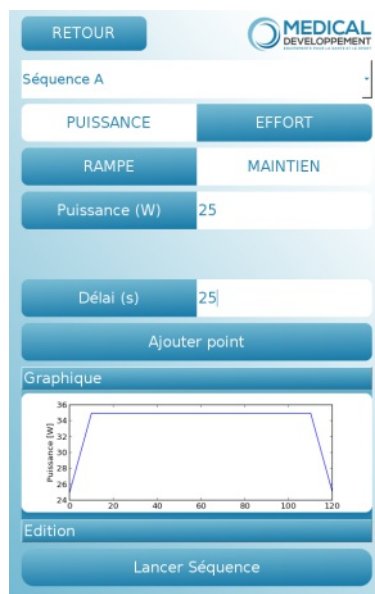


Dialogue

An intuitive interface, via a 7" touchpad, allows using all the functionalities of the **Cyline 200**.



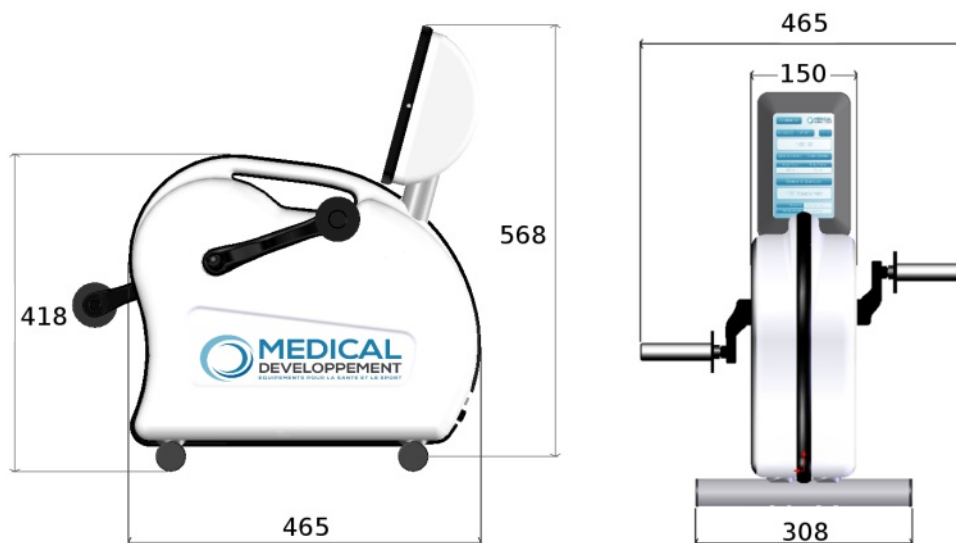
Sequences creation and graphical charts visualization



Sequence editing



Dimensions



Dimensions are written in millimeters (mm)



Use

The **Cyline 200** is designed to exercise upper and lower limbs.

Depending on the practiced activities, we offer foot pedals, to exercise the legs, and handles to exercise the arms, or a pack of pedals and handles, easily interchangeable.



Peddalling cranks

The standard cranks, as for a bicycle, are 170 mm in length.

In order to adjust the **Cyline 200** to different users height, we offer special cranks, with different positions to fix the pedals and the handles.



Cardiac loop

Directly linked to a Polar® H7 heart rate sensor (supplied), the ergometer will adapt its breaking force to the user cardiac frequency.



Touchpad

In order to control the program and the data, the practitioner has the possibility to use a 7" touchpad as a remote control.



Mounting

With the aim to be as close as possible of our customer requirements, we offer different mounting systems.

The standard mounting allows placing the **Cyline 200** on the floor or on a table.

The mural mounting allows fixing to a vertical surface.

The bed mounting allows fixing the **Cyline 200** on a medical bed.

Ergometer configurator

Configure your **CYLINE 200** as you like, depending of the different possibilities, described on the previous pages.

CYLINE 200	-	-	-	-	-	
Product	Use	Cranks	Cardiac loop	Remote control	Mounting	

Use	Code
Lower limbs	I
Upper limbs	S
All limbs	T

Cranks	Code
170	170
150 - 170	
xx - xx	
xx - xx	

Cardiac loop	Code
Without	S
With	C

Remote control	Code
Without	S
With	T

Mounting	Code
Standard	S
Mural	M
Bed	L



Technical specifications of the **Cyline 200** ergometer

Use :	Rehabilitation, medical and sports research, sportive training, measurable physical activity.		
Activities :	Exercise of the upper and lower limbs.		
User weight :	Not specified.		
Dimensions :	Length :	530 mm	
	Width :	470 mm	
	Height :	382 mm	
Weight :	20 kg.		
Color :	White (RAL 9010). Other colors on demand.		
Speed :	Maximum 10 rotations / second.		
Direction :	Reversible rotating direction.		
Brake :	Magnetic, 320 W, torque 36 Nm.		
Cranks :	170 mm, adjustable to 150 mm.		
Force :	From 0,1 N to 240 N.		
Power supply :	230 VAC/N/PE, 50-60 Hz. Input fuses : 10A.		
Protection rating :	IP 20		
Leakage current :	< 0,5 mA.		
Ambiance :	Temperature :	de 10°C à 40°C.	
	Humidity :	de 30% à 75%.	
	Maximum altitude :	2500 m/m.	
Interface :	7" touch screen.		
	Option: remote control, by a 7" touchpad .		
Data :	Hearth rate controller : POLAR H7 Bluetooth.		
Certifications :	Materiel compliant with the CE standards.		
	Machine Directive 2006/42/CE.		
	MDD - Directive 2007/47/EEC, class 1.		
Noise level :	<60 dBA at 1m.		
Warranty :	2 years.		



MEDICAL DEVELOPPEMENT

A Group C-INVEST society - SARL with a capital of 2 568 000 €

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SARL with a capital of 100 000 €

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