

# CARDIOLINE

## XR50+

**XR50+** is a robust and reliable cycle ergometer, which is characterized by its high performance during the stress test and the ease of use. The handlebar and saddle have ample adjustment possibilities and a wide range of accessories is available.

The ergometer is equipped with a dual display, one for the operator to keep the situation under control and one for the patient to maintain the correct pedaling frequency. Thanks to the function keys and the graphic display, the operator console also allows the use of pre-set internal protocols or manually manage the load, as well as remote control via Cardioline Cubestress.

## Technical features

### Ergometer

Model .....	Modular ergometer system <b>XR50+</b>
Operating mode .....	Continuous operation
Power supply.....	from 100 to 240 V / 50 to 60 Hz
Absorbed power.....	max. 60 VA
Principle of brake .....	computer-controlled electrodynamic brake with torque measurement; independent of the speed in accordance with DIN VDE 0750-0238
Load variation range .....	from 6 to 450 Watt, independent of the number of revolutions
RPM range .....	from 30 to 130 rpm
Deviation of the absorbed power .....	according to DIN VDE 0750-0238
Load stages.....	configurable as desired
Max patient weight .....	160 kg
Saddle height adjustment.....	infinitely, mechanical
Handlebar adjustment.....	continuously adjustable handlebar, fixed handlebar column
Display .....	Display LCD Display: 68 x 34 mm / 128 x 64 pixels, 7-segment LED display as additional speed indicator
Control panel.....	manual load controls, remote control, 5 fixed protocols and 10 protocols programmable by the operator;
Interfaces .....	USB digital connection; RS232 digital connection + remote control
Dimensions and weight.....	Length: 1000 mm Width: 440 mm Height: 1280 mm Weight: approx 55 kg
Safety rules .....	DIN EN 60601-1, DIN EN 60601-1-2, DIN VDE 0750-238
Protection class .....	II / B (according to DIN EN 60601-1)
MDD classification.....	Classe IIa according to 93/42 CEE
Radio interference suppression .....	Limit class B according to DIN EN 55011 / 5.0 DIN EN 60601-1-2
Environmental conditions.....	<i>Operation:</i> Temperature: from +10 to +40 °C Relative humidity: from 30 to 75%, without condensation Pressione atmosferica: da 800 a 1060 hPa <i>Transport and storage:</i> Temperature: from -20 to +70 °C Relative humidity: from 10 to 95%, without condensation Atmospheric pressure: da 500 a 1060 hPa:

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## Standard Accessories

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Ergometer  
USB cable, 5 mt  
User Manual

## Accessories

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Code	Description
63090260	Horizontally adjustable saddle support
63090261	Pediatric saddle
67019434	USB connection cable, 7 mt
63090279	RS232 Connection cable
63090262	Agonistic saddle xr50, xr100
63090263	Horizontally adjustable pediatric saddle support xr50, xr100
63090264	Adjustable pedals xr50, xr100

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