

# eBike

## Ergometer



eBike basic



eBike comfort

GE Healthcare ergometrics equipment is being expanded with the adaptable and high-performance eBike series of bicycle ergometers. eBikes are rounds per minute-independent bicycle ergometers for load ranges between 6 and 999 watts. The robust mechanical construction ensures reliable function even when in constant use. The ergonomic design offers a seating position that is optimal for almost all body sizes, and allows for easy mounting and dismounting, even for those with restricted movement.

The connection between GE Healthcare stress-testing systems and eBike allows for easy control of the entire examination.

eBike is available in two versions — eBike basic and eBike comfort — with different characteristic features.

### eBike basic ergometer

- Rounds per minute-independent load
- Load accuracy according to DIN VDE 0750-0238
- Continuously variable seat height adjustment
- Handlebars adjustment
- Digital and analog interfaces to GE stress-testing systems
- Automatic blood pressure module (optional)†

### eBike comfort ergometer

- Rounds per minute-independent load
- Load accuracy according to DIN VDE 0750-0238
- Electrical, non-graduated seat height adjustment
- Digital display of saddle height
- Dual handlebars adjustment (height and angle)
- Multiple expansion options (children, sportsmen)
- Digital and analogue interfaces to ECGs and PC-ECGs
- Automatic blood pressure module (optional)†

† Availability of Automatic Blood Pressure Module varies by country. Contact your local GE Healthcare representative for more information.





## PC control panel

- For control via ECG writer and PC-ECG
- Fully programmable stress-testing programs
- Display of key values on screen

	eBike basic	eBike comfort
<b>Drive unit</b>		
Brake system	Computer-controlled eddy current brake with torque measurement	Computer-controlled eddy current brake with torque measurement
Load	6-999 watts, speed (RPM)-independent	6-999 watts, speed (RPM)-independent
Accuracy	Complies with DIN VDE 0750-0238	Complies with DIN VDE 0750-0238
RPM range	30-130 RPM	30-130 RPM
Patient height range	120-210 cm, mechanical adjustment	120-210 cm, electronic adjustment
Minimum pediatric height (optional)**	110 cm	110 cm
Patient weight	160 kg max.	160 kg max.
Digital display of saddle height	-	●
Handlebars adjustment	Tilt thru 360° Rigid steering column	Continuous, 360°, for patient heights between 120 and 210 cm, height-adjustable steering column
<b>Operating Unit</b>		
Display	LCD (68 x 34 mm)	LCD (68 x 34 mm)
Patient display	RPM (LED)	RPM (LED)
Keyboard	Touch-panel keyboard	Touch-panel keyboard
<b>Ergometry Programs</b>		
Fully programmable	10 user-configurable protocols	10 user-configurable protocols
Set graduated programs (WHO, Hollman, etc.)	5	5
Manual load setting	●	●
<b>Expansion Options</b>		
Automatic blood pressure measurement†	○	○
<b>Interfaces</b>		
Digital RS-232 interface (CASE* and CardioSoft*)	●	●
USB Interface (CardioSoft)	●	●
Analogue interface option (target load)	○	○
Remote start output (start pulse for ECG)	●	●
<b>Other Details</b>		
Dimensions	Width 460 mm, handlebar approx. 575 mm Length 900 mm Height 900 mm min., 1350 mm max.	Width 460 mm, handlebar approx. 575 mm Length 900 mm Height 900 mm min., 1350 mm max.
Weight	Apprx. 61 kg	Apprx. 69 kg
Power supply	100 to 240 V, 50 to 60 Hz	100 to 240 V, 50 to 60 Hz
Power consumption	60 VA max	60 VA max

● = Standard ○ = Option - = N/A

†Availability of Automatic Blood Pressure Module varies by country.  
Contact your local GE Healthcare representative for more information.

\*\*Additional parts required (saddle and pedals).

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GE imagination at work

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