

eBike

Ergometer



eBike basic



eBike comfort

GE Healthcare ergometry 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

- Revolutions per minute-independent load
- Load accuracy according to DIN VDE 0750-0238
- Continuously variable seat height adjustment
- Handlebar adjustment
- Digital and analog interfaces to GE Healthcare stress-testing systems

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 handlebar adjustment (height and angle)
- Multiple expansion options
- Digital and analog interfaces to ECGs and PC-ECGs





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
Drive unit		
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	47-83 in (120-210 cm), mechanical adjustment	47-83 in (120-210 cm), electronic adjustment
Minimum pediatric height (optional) [†]	43 in (110 cm)	43 in (110 cm)
Patient weight	352 lbs (160 kg) max.	352 lbs (160 kg) max.
Digital display of saddle height	-	●
Handlebars adjustment	Tilt thru 360° Rigid steering column	Continuous, 360°, for patient heights between 47 and 83 in (120 and 210 cm), height-adjustable steering column
Operating Unit		
Display	LCD 3 x 1 in (68 x 34 mm)	LCD 3 x 1 in (68 x 34 mm)
Patient display	RPM (LED)	RPM (LED)
Keyboard	Touch-panel keyboard	Touch-panel keyboard
Ergometry Programs		
Fully programmable	10 user-configurable protocols	10 user-configurable protocols
Set graduated programs (WHO, Hollman, etc.)	5	5
Manual load setting	●	●
Interfaces		
Digital RS-232 interface (CASE [®] and CS [™])	●	●
USB Interface (CS)	●	●
Analogue interface option (target load)	○	○
Remote start output (start pulse for ECG)	●	●
Other Details		
Dimensions	Width 18 in (46 cm), handlebar approx. 23 in (57.50 cm) Length 35 in (90 cm) Height 35 in (90 cm) min - 53 in (135 cm) max.	Width 18 in (46 cm), handlebar approx. 23 in (57.50 cm) Length 35 in (90 cm) Height 35 in (90 cm) min - 53 in (135 cm) max.
Weight	Apprx. 135 lbs (61 kg)	Apprx. 153 lbs (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		

[†]Additional parts required (saddle and pedals).

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