

# eBike L & EL

Tilt-table ergometers for stress exercise testing and stress echocardiography

## Built for patient comfort and safety

The eBike L and eBike EL tilt-table design offers stability and comfortable patient positioning during stress exercise testing procedures. Ergonomic features include adjustable, padded surfaces, headrest and seat, and arm rest. The ergometers are height-adjustable to fit most any patient size.

The eBike L and eBike EL have features to support a safe stress exercise procedure for the patient. Two footplates facilitate ease of mounting and dismounting, and a seatbelt is offered for added security. Should the need arise during an examination, the eBikes have an automatic electrical adjustment device that enables the ergometer to be converted from the semi-recumbent to the flat position within seconds, so that treatment to be carried out quickly.

## Designed for patient focus

The eBike L and eBike EL also feature automatic controls that allow the clinician to focus on the patient and their diagnosis, rather than on the equipment. The tables' change in load can be controlled completely by the integrated protocols of the ECG system. Should the clinician wish to change the tables' tilt angle, the eBike L and EL feature an independent control panel that puts the controls at his or her fingertips.





### eBike L

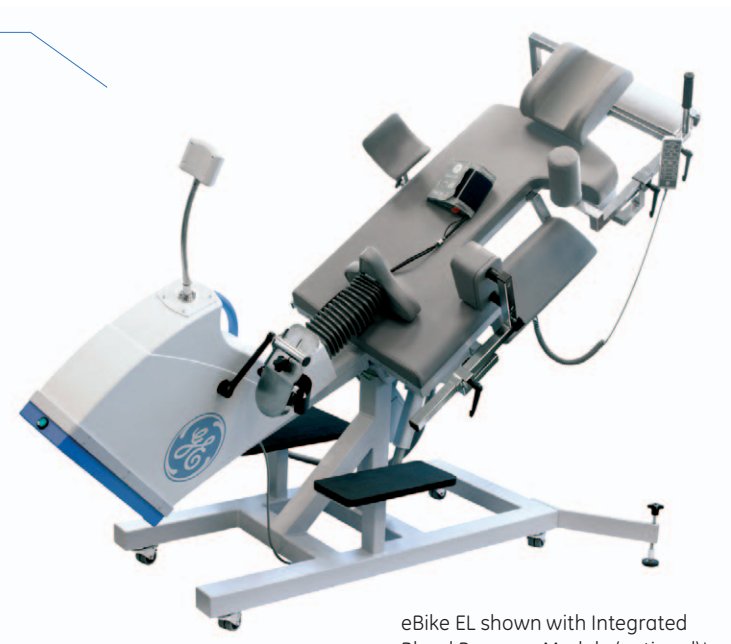
During stress testing, it is important to minimize artifact so that high-quality ECG tracings are generated for analysis. The eBike L offers a stable exercise platform, helping to reduce movement during the test. The eBike L features electronic vertical rotation, and its ergonomic design helps to ensure patient safety and comfort.

- Provides a stress-testing mechanism for patients with limited mobility or have trouble walking
- Features a stable exercise platform that helps reduce upper-body motion for less muscle artifact
- Reduced system noise — less interference with manual blood pressure acquisition
- Provides defined workload
- Supports both standard and customizable exercise protocols

### eBike EL

The eBike EL is designed to optimize patient positioning during stress echocardiography procedures. By offering an integrated ergometer and examination table, the patient can remain on one piece of equipment for a seamless transition from the exercise phase to the imaging phase of the procedure. Electronic vertical and horizontal rotation adjustability supports proper positioning of the heart for the echo portion of the procedure.

- Enables ultrasound image acquisition without moving patient from exercise platform
- Patient can transition to recovery phase directly on exercise platform — no dismount or walking to a recovery station
- Side drop-out piece provides unencumbered access to the imaging region of interest.
- Provides stable and comfortable patient positioning for stress-echo procedure



\*Availability of internal blood pressure module varies by country. Please contact your local GE Healthcare representative for more information.

### Specifications eBike L & eBike EL

Operating Mode	Continuous operation
Power Supply	110 to 120 V, 50 to 60 Hz 220 to 240 V, 50 to 60 Hz
Power Consumption	205 VA max.
Braking Principle	Computer-Controlled eddy current brake with torque measurement; speed independent to DIN VDE 0750-0238
Load Range	6 to 999 Watt, speed (RPM)-independent
RPM Range	30 to 130 RPM
Load Error	To DIN VDE 0750-0238 ±5% max. between 6 and 900 Watt and ±3 Watt max. between 6 and 100 Watt
Load Increments	Configurable: 1, 5, 10 or 25 Watt
Moment of Inertia	10 kg x m <sup>2</sup>
Flywheel Mass	7 kg
Crank Length	170 mm
Internal Protocols	5 fixed protocols, 10 user-configurable protocols
Interfaces	1 x USB RS232: 9-pin Sub-D ECG system remote start 1 to 30 seconds before load change
Optional Interfaces	Analog input for target load: 8-pin DIN socket Analog output for current load: 8-pin DIN socket
Display	68 x 34 mm

### Accessories

Please contact your GE representative for our wide range of tested and approved quality accessories and consumables.

### eBike L

Patient Weight	160 kg max
Saddle Height Adjustment	Motor-driven, continuous for patients from 120 to 210 cm
Tilt Range	Motor-driven from a flat position to 45°
Dimensions (WxL):	800 x 2520 mm max. (horizontal, head support in upper position)
Weight	approx. 110 kg

### eBike EL

Patient Weight	140 kg max.
Saddle Height Adjustment	Motor-driven, continuous for patients from 120 to 210 cm.
Tilt Range	Motor-driven, from a flat position to 45°; lateral 0° to 45°
Dimensions (WxL):	1200 x 2600 mm max. (tilted 45°, head support in upper position)
Weight	Approx. 140 kg

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Our “healthymagination” vision for the future invites the world to join us on our journey as we continuously develop innovations focused on reducing costs, increasing access, and improving quality around the world. Headquartered in the United Kingdom, GE Healthcare is a unit of General Electric Company (NYSE: GE). Worldwide, GE Healthcare employees are committed to serving healthcare professionals and their patients in more than 100 countries. For more information about GE Healthcare, visit our website at [www.gehealthcare.com](http://www.gehealthcare.com)

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