



GE HealthCare

eBike EL

Tilt-table ergometer for stress exercise testing and stress echocardiography



eBike EL shown with Integrated Blood Pressure Module (optional)*

Built for patient comfort and safety

The eBike EL tilt-table design offers stability and comfortable patient positioning during stress exercise testing procedures. Ergonomic features include adjustable padded surfaces, headrest, seat, and arm rest.

The eBike EL has features to support a safe stress exercise procedure for the patient. Its footplate facilitates ease of mounting and dismounting, and a seatbelt is offered for added security. Should the need arise during an examination, the eBike EL has 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 can be carried out quickly.

Designed for patient focus

The eBike EL also features automatic controls that allow the clinician to focus on the patient and their diagnosis, rather than on the equipment. The table's change in load can be controlled completely by the integrated protocols of the ECG system. Should the clinician wish to change the table's tilt angle, the eBike EL features an independent control panel that puts the controls at his or her fingertips. Three customized positions can be saved and recalled at the touch of a button.



eBike provides **stable and comfortable** patient positioning for stress-echo procedures

Side drop-out piece for **unencumbered access** to the imaging region of interest

Exercise to recovery transition and imaging is facilitated **directly on eBike**

Specifications

Operating mode	Continuous operation
Power supply	110 to 120 V, 50 to 60 Hz 220 to 240 V, 50 to 60 Hz
Power consumption	345 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	Max. ± 3 Watt between 6 and 60 W and max. $\pm 5\%$ between 60 W and 999 Watt. Meets/exceeds DIN VDE 0750-238
Load increments	Configurable: 1, 5, 10 or 25 Watt
Moment of inertia	10 kg \times m ²
Flywheel mass	7 kg
Crank length	170 mm
Internal protocols	5 fixed protocols, 10 user-configurable protocols
Communication	Validated with GE HealthCare CASE™ and CardioSoft™ stress systems

Interfaces	1 \times 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 \times 34 mm
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°; lateral 0° to 45°
Dimensions (W \times L)	1200 \times 2600 mm max. (tilted 45°, head support in upper position)
Weight	Approx. 140 kg
Accessories	Please contact your GE HealthCare representative for our wide range of tested and approved quality accessories and consumables.

