



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	Interfaces	1 × USB RS232: 9-pin Sub-D ECG system remote start 1 to 30 seconds before load change
Power Supply	110 to 120 V, 50 to 60 Hz 220 to 240 V, 50 to 60 Hz	Optional Interfaces	Analog input for target load: 8-pin DIN socket Analog output for current load: 8-pin DIN socket
Power Consumption	345 VA max.	Display	68 × 34 mm
Braking Principle	Computer-Controlled eddy current brake with torque measurement; speed independent to DIN VDE 0750-0238	Patient Weight	160 kg max.
Load Range	6 to 999 Watt, speed (RPM)-independent	Saddle Height Adjustment	Motor-driven, continuous for patients from 120 to 210 cm.
RPM Range	30 to 130 RPM	Tilt Range	Motor-driven, from a flat position to 45°; lateral 0° to 45°
Load Error	Max. ± 3 Watt between 6 and 60 W and max. ±5% between 60 W and 999 Watt. Meets/exceeds DIN VDE 0750-238.	Dimensions (W × L)	1200 × 2600 mm max. (tilted 45°, head support in upper position)
Load Increments	Configurable: 1, 5, 10 or 25 Watt	Weight	Approx. 140 kg
Moment of Inertia	10 kg × m ²	Accessories	Please contact your GE representative for our wide range of tested and approved quality accessories and consumables.
Flywheel Mass	7 kg		
Crank Length	170 mm		
Internal Protocols	5 fixed protocols, 10 user-configurable protocols		
Communication	Validated with GE CASE™ and CardioSoft™ stress systems		

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