

# GE CARESCAPE B450



## ABOUT

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The GE CareScape B450 is a bedside **patient monitor** ideal for intra-hospital transport, designed with wireless capabilities, detachable modules, and battery power to ensure continuous monitoring and data collection during patient transfers. The B450 connects seamlessly to a hospital's network, allowing data to be accessed either via an S/5 connection or through a monitoring station like the CareScape CIC Pro network. Modeled after the features and functionality of the B650 and the B850 monitors, the B450 supports extensive hemodynamic and respiratory monitoring. This touchscreen monitor provides a comprehensive range of clinical parameters, including airway gases, ECG analysis, non-invasive blood pressure, and SpO2.



## FEATURES

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- Battery strength indicator LED light to monitor power status.
- Back-up AC power for continuous operation.
- Documents and stores events for easy data retrieval.
- Shock advisory option for critical situations.
- Adjustable heart rate alarms to alert on changes.
- ECG Monitor for cardiac assessment.
- External Paddles for advanced intervention.
- Recorder for accurate data documentation.
- Alarms and Code Summary to track alerts and events.
- Biomedically Inspected to ensure safety and accuracy.
- Patient Ready for immediate use.

# SPECIFICATIONS



## DIMENSIONS

**Height:** 11.4 in (29 cm)  
**Width:** 11.9 in (30 cm)  
**Depth:** 6.2 in (16 cm)  
**Weight:** 5.0 kg (11.0 lb)

## POWER SUPPLY

**Universal input voltage range:** 100 to 240 Vac +/- 10%, 50/60 Hz  
**Power consumption:** < 200 VA  
**Protection class:** Class I  
**Grounding:** Hospital grade  
**Cooling:** Natural convection – no fans

## BATTERY (OPTIONAL)

**Type:** Exchangeable Lithium-Ion  
**Number of batteries:** 1 or 2  
**Voltage:** 10.8 V (nominal)  
**Capacity:** 3.8 Ah per battery, 7.6 Ah with 2 batteries (min)  
**Charge time:** 2 to 3 hours per battery, depending on configuration  
**Run time:** 3.5 hours, depending on configuration  
**Battery life:** 300 cycles to 60% capacity

## OPERATING CONDITIONS

**Temperature:** 10 to 35°C (50 to 95°F)  
**Relative Humidity:** 10 to 90% non-condensing

## DISPLAY

**Size:** 12 in (diagonal)  
**Type:** Active matrix color TFT LCD  
**Resolution:** 1024 x 768 pixels (XGA)  
**Number of traces:** 6 (max)  
**Sweep speed:** 0.625, 6.25, 12.5, 25, 50 mm/sec  
**Configuration:** Automatic configuration according to parameter availability.  
Manual configuration with up to 8 user- configurable profiles for care-specific configurations, and up to 6 user-configurable display pages for each profile

## CONTROLS

**Touch screen:** Standard  
**Power on:** Front of unit  
**Remote control (USB):** Optional 11 keys to facilitate non-touch use: Alarm, Setup, Monitor Setup, Procedures, Trends, Data & Pages, Print Waveforms, Freeze/ Snapshot, NIBP Auto, NIBP Start/ Stop, Parameters, and Zero ALL Pressures

## STORAGE CONDITIONS

**Temperature:** -20 to 60°C (-4 to 140°F)  
**Relative Humidity:** 10 to 90% non-condensing