

PEDIATRIC HOSPITAL BEDS



Pediatric Hospital Beds

Electric Pediatric Hospital Beds | Built Around EN 50637 Child-Safety Practices

Electric pediatric hospital beds give PICU teams a platform sized for children instead of adapted from an adult frame. This range is designed around EN 50637, the standard covering electrical medical equipment for children. It also aligns with entrapment and side rail requirements in the broader IEC 60601-2-52 framework. The range spans a standard pediatric bed and a fully enclosed, crib-style bed for younger children.

Nursing staff, respiratory therapists, and pediatric physicians use these beds across general pediatric care and post-surgical recovery. Both models replace manual cranks with electric positioning. This reduces the physical effort of repositioning a child throughout a shift. It also gives staff consistent, repeatable control over each position.

Why Choose Torontech for Your Pediatric Hospital Beds

Torontech supplies testing and measurement equipment to laboratories and manufacturers across North America and worldwide, backed by responsive technical support and calibration service. The Pediatric Hospital Beds range is built for reliable, standards-driven results, so you can standardize on one supplier as your testing needs grow. Our team helps you match the right configuration to your samples, applicable standards, and throughput, then supports you through installation and beyond.

Request a Quote

Tell us the age range and acuity level you care for, along with any containment or monitoring needs, and we will recommend the right bed from the range. [Contact the Torontech team](#) for pricing and lead times.

Applications

Pediatric hospital beds support care teams managing patients from routine ward stays through serious, life-threatening conditions.

- Pediatric Intensive Care (PICU): continuous positioning support for severely ill infants, children, and teenagers on continuous monitoring.
- Post-Surgical Pediatric Recovery: auto-contour and semi-reclining positions ease breathing and reduce reflux risk during recovery.
- Respiratory and Circulatory Support: Trendelenburg and reverse Trendelenburg tilt assist secretion drainage and intracranial pressure management.
- General Pediatric Ward Care: child-sized platforms and locked controls support day-to-day nursing on general units.
- Active or Younger Pediatric Patients: fully enclosed side panels provide extra physical containment beyond a standard siderail.

TECHNICAL SPECIFICATIONS

Pediatric Hospital Bed Range

The range covers two configurations built for different patient profiles and levels of physical containment.

Pediatric Hospital Bed (ToronCare™ 6100)

The standard model in the range, sized for children under 1,525 mm in height and 135 kg in weight. It adds an integrated weight scale with trend tracking and an X-ray translucent backrest for bedside imaging, on top of auto-contour and Trendelenburg positioning. It suits general pediatric wards and PICU settings that need ongoing weight and imaging support.

Pediatric Crib-Style Hospital Bed (ToronCare™ 6110)

A fully enclosed, crib-style model driven by four linear motors instead of manual cranks. Full-height side panels provide additional physical containment for younger or more active children, and a battery backup with central braking pedal keeps the bed mobile and stable during a power interruption. It suits patients who need a taller physical barrier than a standard siderail provides.

How to Choose the Right Pediatric Hospital Bed

- For general and intensive care needing weight tracking or bedside imaging: choose the Pediatric Hospital Bed (ToronCare™ 6100) for its integrated scale and X-ray translucent backrest.
- For younger or more active children needing extra containment: choose the Pediatric Crib-Style Hospital Bed (ToronCare™ 6110) for its fully enclosed side panels.
- For facilities managing frequent power interruptions: choose the ToronCare™ 6110 for its battery-backed electric positioning.



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