



NeuroLogica

CereTom®

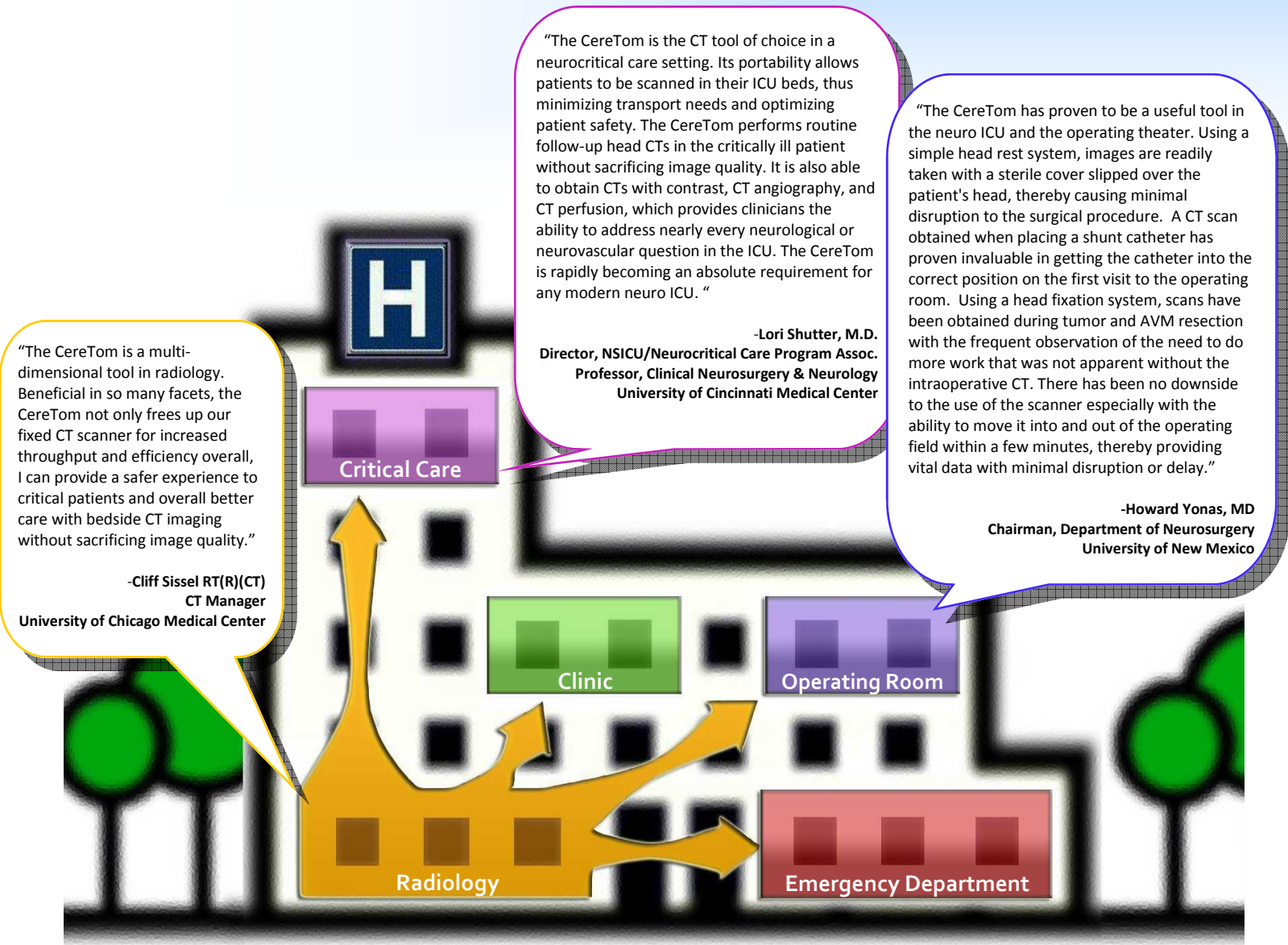
Portable CT Scanner

Your Local NeuroLogica Representative

Bringing the Power of Imaging to Your Patient



Your Multi-Departmental Imaging Solution



Extending Radiology's Reach Into...

Critical Care

- Neuro
- Pediatric
- Neonate
- Cardiac
- Burn

OR

- Neuro
- Maxillofacial
- ENT
- Pediatric
- Interventional Suite
- Plastic Surgery

Clinic

- Neuro
- ENT
- Radiology

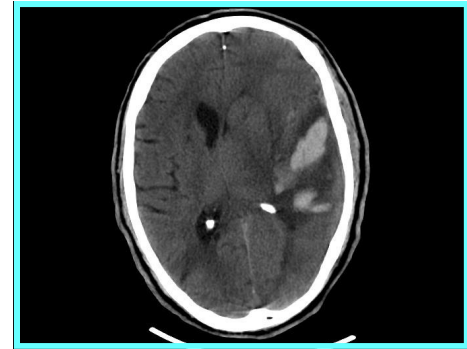
ED

- Shock Trauma
- Stroke

Critical Care (Neuro, Pediatric, Neonate, Cardiac, Burn)

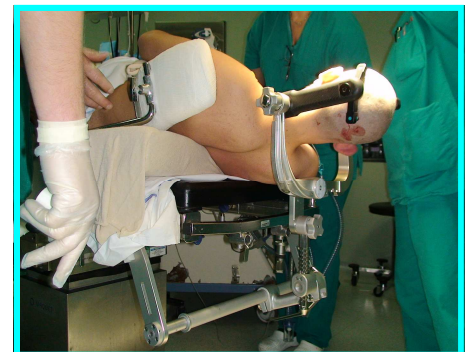
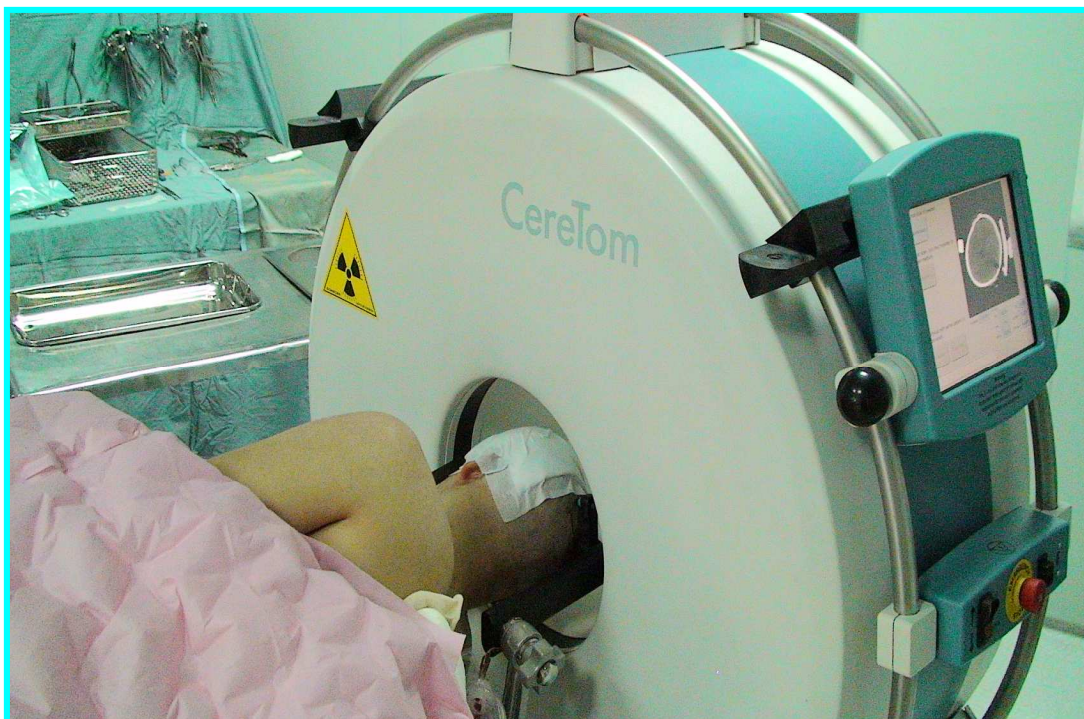
“The ability to perform portable head CT scans of high quality in our ICU has dramatically improved both efficiency and safety of the care we provide our patients. Critically ill patients who often are on ventilators and intravenous infusions to maintain stability no longer have to leave the safety of the ICU to undergo timely diagnostic brain imaging. The number of personnel involved in obtaining this study is dramatically decreased as well. The critical care nurse no longer has to leave the ICU setting, eliminating the need for cross-coverage by her colleagues of her other responsibilities. The respiratory therapist no longer needs to be tied up with transporting the patient to and from the radiology suite and the patient is not subjected to the dangers of transport which include such critical events as unplanned extubation or hypoxia.”

-Michael S. Rosenblatt, M.D., M.P.G., M.B.A., F.A.C.S.
Associate Director, Surgical Intensive Care Unit
Director, Trauma Service: Lahey Clinic



Operating Room (Neuro, Maxillofacial, ENT, Pediatric, Interventional Suite, Plastic Surgery)

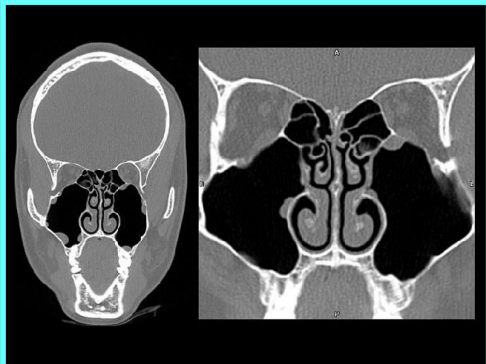
The CereTom combined with the DORO CereTom Radiolucent Skull Clamp and Horseshoe provide reliable head fixation and fast, high quality intraoperative imaging capabilities for a variety of neurosurgical procedures. The CereTom images are compatible with all surgical navigation systems. Intraoperative images can be easily uploaded by PACS connection or CD/USB drive. The CereTom OR package provides you with affordable, real-time intraoperative scanning, enhancing surgical navigation and improving operating room workflow as well as surgical outcomes.



Clinic (Neuro, ENT, Radiology)

“Prior to the CereTom OTOScan, many patients would require one appointment for an initial consult, another for a CT and a third for a final diagnosis and discussion of treatment options. Since acquiring the scanner, patients can have a consult, CT imaging, receive their diagnosis and discuss treatment options all in one visit. The CereTom OTOScan improves patient convenience, efficiency of the practice, and availability of office appointments for new patients.”

-Peter J. Catalano, MD, FACS
Chairman, Department of Otolaryngology
Lahey Clinic



Emergency Department (Shock Trauma, Stroke)

Rapid triage and management of patients with acute neurological symptoms are key elements to emergency room care. The CereTom Portable CT scanner is a complete scanning tool for neurological emergencies including stroke, hemorrhage and traumatic brain injuries.



Safety First

Safe to Patient

The CereTom meets the American College of Radiology’s recommended guidelines for Computed Tomography Dose Index (CTDI). In addition, the dose can be adjusted As Low As Reasonably Achievable (ALARA) to meet your clinical diagnostic needs.

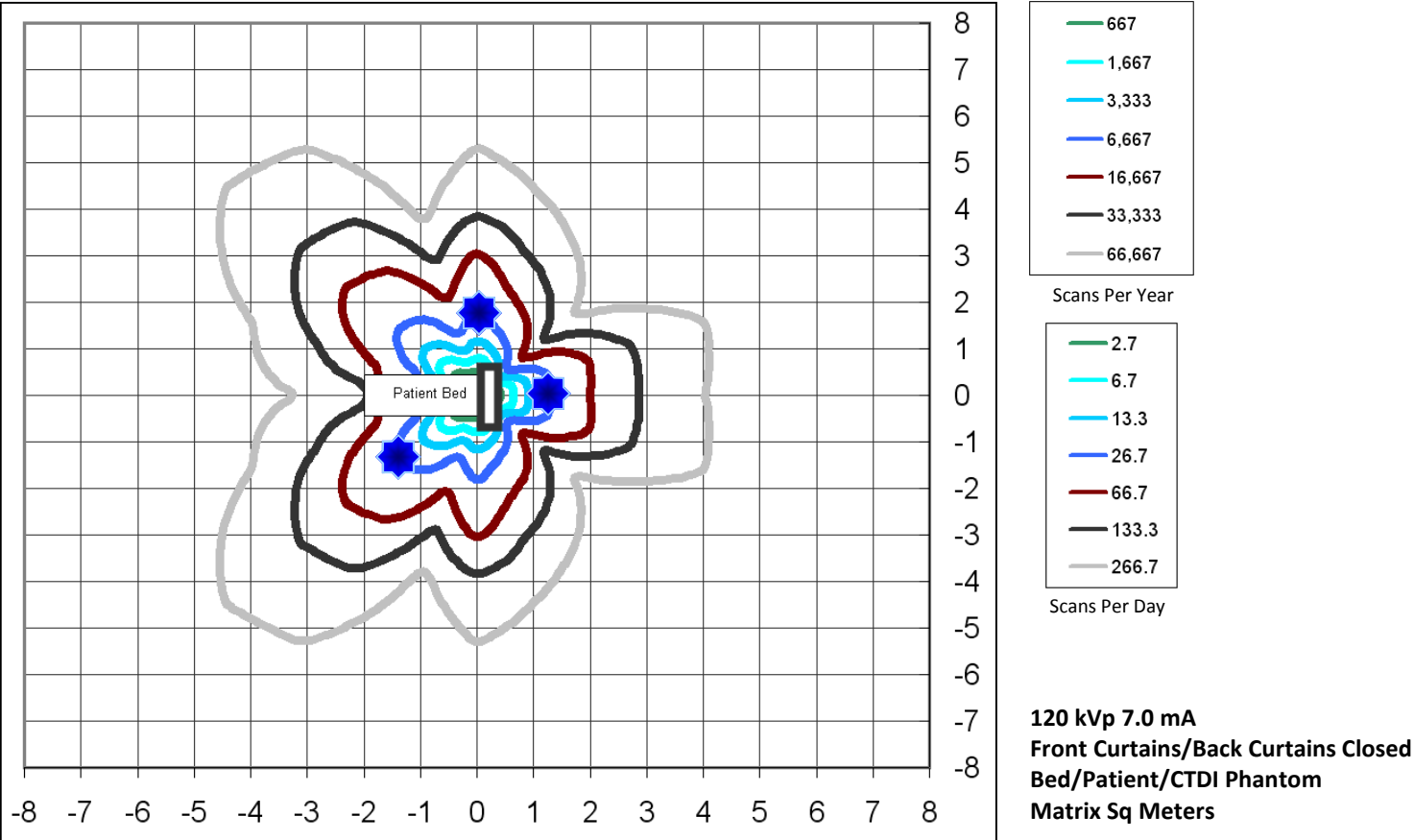
Safe to Staff


How safe is the CereTom? According to the ALARA standard (500mRem/year per operator), and using a typical brain scan protocol (15 Rotations x 2 seconds per rotation x 7 mA = 210 mAs), at a distance of 2 meters (6 feet) from the CereTom’s Isocenter, your operator can perform over 26 scans per day, for 250 days per year without any additional lead protection.**

The CereTom covers are coated with 0.5mm laminated lead providing maximum scatter reduction. In addition, three externally mounted 0.5mm lead curtains (two front, one back) provide added shielding to the gantry. As a result, no additional lead shielding is required.



CereTom Scatter Plot for Typical Head Scan



**According to the ALARA standard, an operator standing at this mark  can perform over 26 scans per day, for 250 days per year without any additional lead protection.

Core System



The CereTom Portable CT Scanner

The CereTom is an 8-slice CT scanner that delivers the highest quality Non-Contrast, Angiography, Contrast Perfusion and Xenon Perfusion scans in every conceivable patient location.

Its combination of rapid scan time, flexible settings and immediate image viewing, make it an indispensable tool to any clinician needing real time data on critically ill patients.



CereTom Imaging Station

The CereTom Imaging Station comes installed with Barco's Voxar 3D™ advanced visualization software package allowing for 2D, 3D and MPR viewing.

The workstation produces DICOM 3 compliant images and with the modality worklist module, allows for seamless integration with every known PACS system.

With its wireless communication capability, the CereTom stands ready to interface into the modern hospital information technology age.



CereTom Scan Board & Bed Adapter

Every CereTom comes complete with a radiolucent scan board and bed adapter. This combination allows virtually every hospital bed to rapidly transform into a safe and stable scanning platform. Your patient never leaves the safety of their room in the unit.

Drive System Option



CereTom® Scanner Drive System (SDS)

The Scanner Drive System (SDS) option enables a single user to easily transport the CereTom wherever it needs to go. Designed with an intuitive variable-speed joystick interface and a solid state electric drive, the user can navigate in and out of elevators, over doorway thresholds or on any type of floor, including carpet, with ease. In addition to providing transport, the SDS also serves as a workstation cart for the CereTom imaging laptop. Once the scanner arrives at its destination, the externally mounted drive system can be easily detached and used as a free standing laptop workstation.

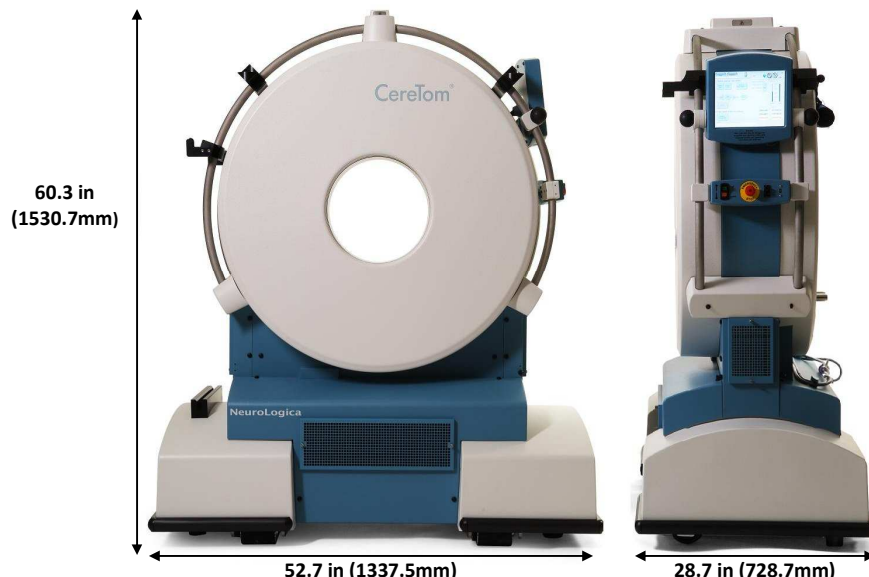
The Details...

CereTom Core System

- **8 Slice True CT Scanner**
 - Complete self contained lead shielding
 - Onboard 10" LCD touch screen
 - DICOM 3 images compliant with CereTom modality worklist module
 - Integrates with all PACS
 - 1.25,2.5,5.0,10.0mm slice thickness
- **Laptop Imaging Computer with 17" hi-res Monitor**
 - Hardware
 - Processor: Intel® Core™ 2 Duo Processor 3 GHz
 - Memory: 2 GB
 - Hard Drive: 120 GB
 - OS: Windows XP Professional
 - Monitor Resolution: 1920 x 1200
 - Advanced Visualization Software Package (Barco's Voxar 3D™)
 - 2D
 - 3D
 - MPR viewing
- **Radiolucent Universal Scan Board**
 - Radiolucent Carbon Fiber Material
 - Compatible with all bed types
 - Stryker
 - Hill-Rom
 - KCI
 - Attaches to the head of the bed
 - Patient slides up
 - Board attaches to scanner for easy transport
 - Allows for patient to be scanned in their OWN bed
- **Bed Adapter**
 - Designed to fit any bed
 - Allows for optimized position of scan board for patient bedside scanning
 - Adapter allows for any bed to convert into the CereTom Scanning Platform
- **4 Day Onsite Training**
 - Conducted by a NeuroLogica clinical specialist (up to 16 CEU Credits)
- **1 Year All Inclusive Warranty**
 - Covers all parts and labor including X-Ray tube
 - Telephone Support (within 1 hour) 24 hours per day, 7 days per week
 - On site personnel (within 24 hours)
 - On site Spare part (within 24 hours)
 - 100% Warranty on all parts
 - Preferred rates for labor and travel outside coverage hours
 - The completion of all the required routine maintenance. This will include replacing all consumable parts such as brushes, batteries and belts as required. Cleaning slip ring, cleaning centipede belt, vacuuming and cleaning interior assemblies
 - Any required software updates (Safety or specification)
 - Routine maintenance is required to satisfy the conditions of warranty

Dimensions

Bore Diameter: 32.5 cm (318mm)
Weight: <900 lbs/(408kg)



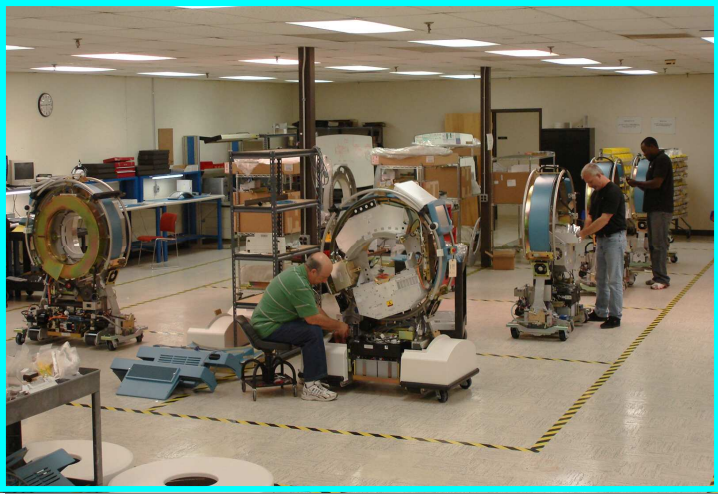
About Us...



NeuroLogica Corporation, located in the Boston metro area, develops, manufactures and markets innovative medical imaging equipment for healthcare facilities and private practices worldwide.

Established in 2004, NeuroLogica's founders have over 100 years of combined experience in the design, development and manufacturing of imaging systems including ultrasound, CT, PET, radiation therapy and MRI.

The original CereTom system, launched in 2005, is currently in use in intensive care units, neurosurgical operating rooms, emergency rooms, stroke centers and clinics, of many of the top Neuroscience programs around the globe.



NeuroLogica is ISO 13485:2003 and ISO 9001:2000 certified. The CereTom is FDA cleared, ETL approved and CE marked. It has won numerous awards including The Business Week Top 10 Life Saving Medical Devices of 2006, The Frost & Sullivan North American Medical Imaging Product Innovation of the Year Award for 2006 and The Medical Design Excellence Gold Award for 2006.

The combination of portability, affordability, ease of use and flexible scanning options, make the CereTom the "RIGHT" choice for your point-of-care scanning.

For more information including product specifications, clinical images and customer testimonials, we invite you to visit our website at:

www.NeuroLogica.com



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