



MAXX-1100

The advertisement features a tall, white, vertical laser positioning system on the left side. The system has a green laser light visible through a transparent section. A red laser line with a starburst effect originates from the top of the system and points towards the top right. The background is a dark blue grid pattern. On the right side, there is a photograph of a CT scanner gantry. In the foreground, a tablet displays the MAXX logo. At the bottom, the CENARLINE logo is shown with a red starburst graphic to its right.

CT ROOM LASER
Patient Positioning System

MAXX

CENARLINE

MAXX-1100



MAXX-1100 Laser System Features

- TCP / IP (Ethernet) and UART (Zigbee) Communication
- Microsoft Windows .NET Based Software (Optional)
- New MAXX Tablet with Dock and Protective Casing
- DICOM 3.0 (Compatible with Main CT Machines)
- Precision Stepper Motor and Optical Encoder
- Both Micro and Macro PWM Adjustments
- Mechanical Zero and Adjustable CT Zero
- Range of Travel: +300.0mm / -300.0mm
- Accuracy: +0.2mm / -0.2mm
- Colors: **Green** or **Red**

Optional Mounting Brackets



Wall Mount



Ceiling Mount

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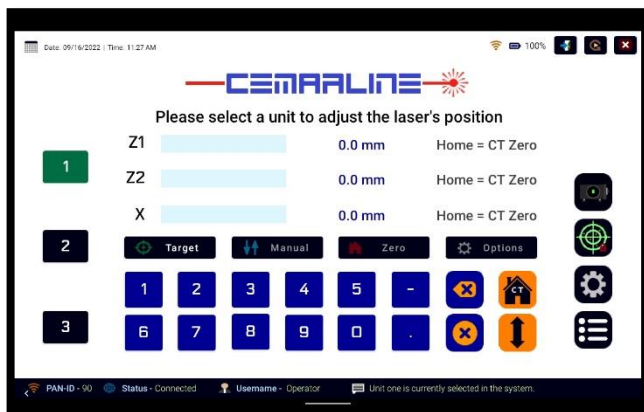
MAXX-1100

MAXX Tablet Operations

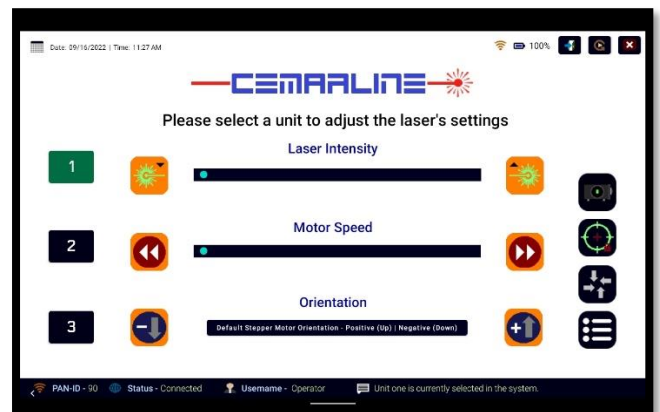


MAXX-1100 Application Start Page

- Communicates with MAXX-700, MAXX-1100, and MAXX Combo Set Configurations
- Improved LCD Touch Screen Tablet with Charging Dock and Protective Casing
- Advanced and Up to Date Software
- Durable Wireless Communication
- Updated User Friendly Interfaces
- Extended Battery Capacity
- Complete Functionality



MAXX-1100 Laser Position Page

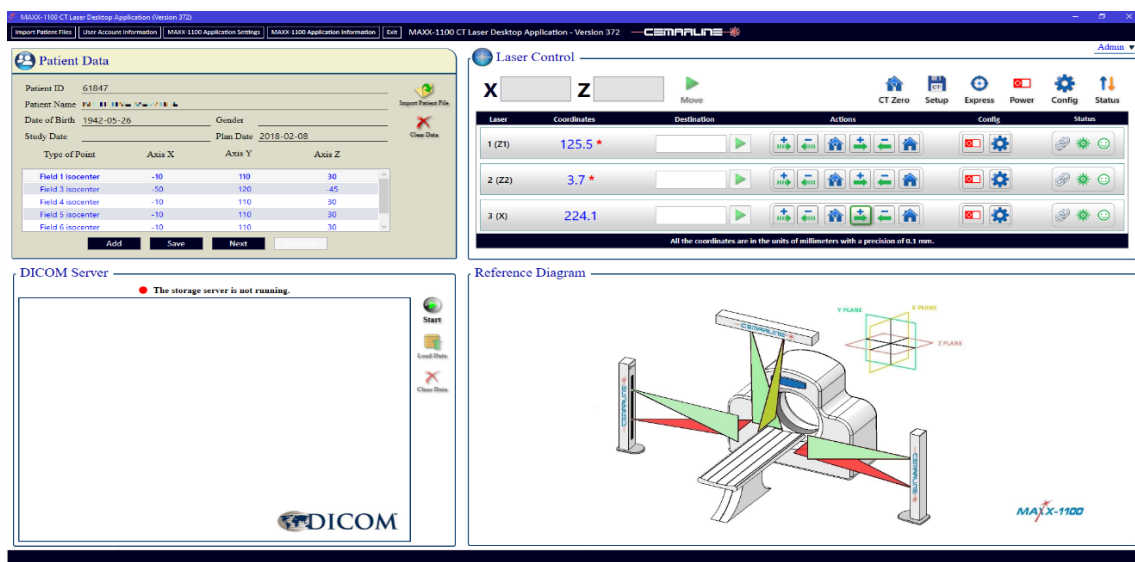


MAXX-1100 Laser Settings Page

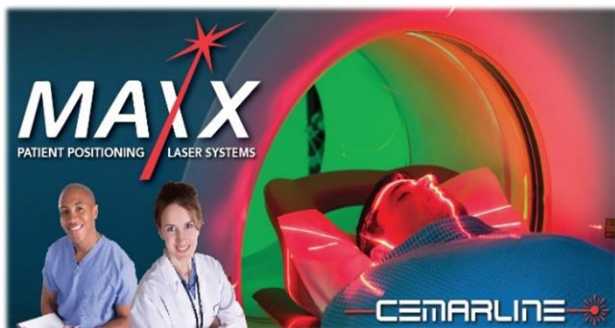
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MAXX-1100

MAXX-1100 Desktop Computer Operations



MAXX-1100 Desktop Application Main Page



MAXX-1100 Desktop Application Splash Screen

- Microsoft Windows .NET Application
- Communicates through TCP / IP
- Advanced Updated Software
- Ethernet Communication
- User Friendly Interfaces
- DICOM 3.0 Compatible
- Complete Functionality



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MAXX-1100

MAXX-1100 Desktop Computer Specifications

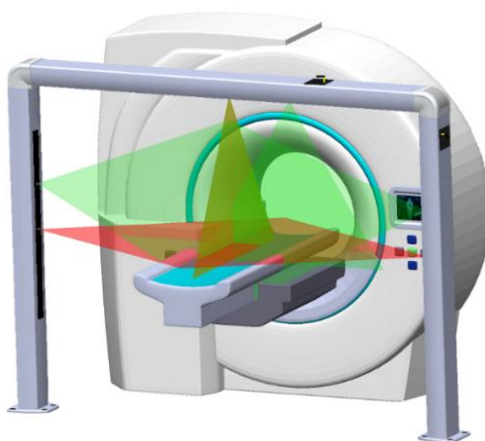
PC Specifications

- Our MAXX-1100 CT laser desktop application is a Microsoft Windows .NET application which is capable of operating individual MAXX-1100 units as well as a complete MAXX-1100 system.
- The computer system communicates through TCP / IP via Ethernet on a local subnet which does not interfere with other networks.
- The desktop application consists of a patient data grid view, laser control panel, DICOM 3.0 server, and CT reference diagram.
- Our computer software offers complete functionality identical to the MAXX remote control.
- The application uses robust software and is user friendly.

DICOM 3.0 Compatible

Our MAXX-1100 CT laser desktop application contains a DICOM server which can handle, process, print, and transmit patient information regarding medical imaging. Our DICOM server is implemented with Grassroots DICOM (GDCM) which is an open-source implementation of the DICOM standard, is written in the C++ programming language, and offers wrapping to follow other target computing languages such as Python, C#, Java, PHP, and Perl.

GDCM includes a network communication protocol as well as file format definitions which provide a complete set of tools which interface with existing medical databases. Our DICOM server in the MAXX-1100 desktop application uses specific computing protocols which interact with the treatment planning system (TPS). The DICOM server application can process and retrieve patient data from a shared location on the network regarding medical imaging provided by the hospital's server. Our MAXX-1100 desktop application has the capability to successfully communicate with several CT systems such as Elekta, Phillips, Varian, etc.



CENTARLINE



MAXX-1100

MAXX-1100 Laser Specifications

- Four Automatic Axis Movements:
 - X Axis (Horizontal Movement): 600mm (23.6")
 - Z Axis (Vertical Movement): 600mm (23.6")
 - Roll Axis (Horizontal Fine Adjustment Rotation): 8°
 - Pitch Axis (Vertical Fine Adjustment Rotation): 8°
- Focal Distance 3m (10ft)
- Micro and Macro PWM Adjustments
- Continuous PWM Adjustments
- Target Adjustments
- TCP / IP and UART Communication
- Microsoft Windows .NET Based Software
- New and Improved Universal MAXX tablet
- DICOM 3.0 (Compatible with Main CT Machines)
- Precision Stepper Motor and Optical Encoder
- Mechanical Zero and Adjustable CT Zero
- Five Customizable Express Points
- Available Colors: **Green** or **Red**
- Focus Adjustment: 0.5m - 3.0m (10ft)
- Range of Travel: +300.0mm / -300.0mm
- Accuracy: +0.2mm / -0.2mm
- Tablet Can Communicate With 3 Lasers Each Room
- Operating Temperature: 5°C - 35°C (40°F - 95°F)
- Power Requirements: 100V AC – 240V AC, 1-1A - 2.3A, 50Hz - 60Hz, 120W
- Fuse (Line): 2.0A 250V
- Weight: 34.0kg (74.95 lbs.)
- Dimensions:
 - Length: 1465.6mm (57.7")
 - Width: 198.0mm (7.79")
 - Height: 205.0mm - 240.0mm (8.07" - 9.45")



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