

BRIT**Systems**

Leader of the PACS

Roentgen Burner

with Sorna Technology

BRIT Systems' Roentgen Burner is a DICOM/IHE compliant automated solution for producing custom-labeled CD's and/or DVD's that contain medical images plus the BRIT Lite viewing software. With an HL-7 connection to your RIS or PACS, orders and reports can be sent to the system and be included as well. Radiological studies can be DICOM stored to this device from any DICOM device on the network. Before burning, it scans the local order/report database and includes all related orders and reports received via the HL-7 interface.

The Roentgen Burner comes in with one of two production units: an Epson or the Primera robotics and burner, with either single or double trays.

**Epson**

The Roentgen Burner accepts studies from any device via a DICOM store and it accepts orders via HL-7 ORM messages and reports via HL-7 ORU messages. After receiving a study, it waits 2 minutes for more studies for that patient and then it burns all studies along with all orders and studies associated with the patient's studies onto the CD(s)/DVD(s). The automated device loads the CD/DVD, creates a custom label, and burns the studies inclusive of DICOM standard annotation and key object notes (sticky notes), reports, orders, a viewer and the IHE specified DICOMDIR onto the media.

The custom label, configurable by the system administrator, includes facility name, patient name and exam descriptions. The CD may be password protected. When used with BRIT's Roentgen Files, any user with authority can create CDs directly from the RIS interface without downloading the items to a workstation first. Upon completion, the Roentgen Burner outputs the media into a bin.

A specific and detailed order file is produced for each CD. The order file, which contains information about the user, the patient, specific modality and the images, provides HIPAA compliant tracking information about the CD.

**Primera**

Brand of CD Burner	Footprint	Power	Number of Recorders	Weight	Bin Capacities
Rimage 2000i (requiring PC controller)	15.75" W x 21" H x 20" D	100-120 VAC 1.5 A 50/60 Hz Auto configuring	2 drives	58 lbs	100 input 110 output
Rorke PACScomm Lite (embedded PC controller)	17" W x 10.8" H x 16.7" D	Switch-selectable 100-120 VAC@1A or 220-240 VAC@1A 50/60 Hz	2 drives	43 lbs	100 discs with optional kiosk mode kit; 50 discs without kiosk mode kit