



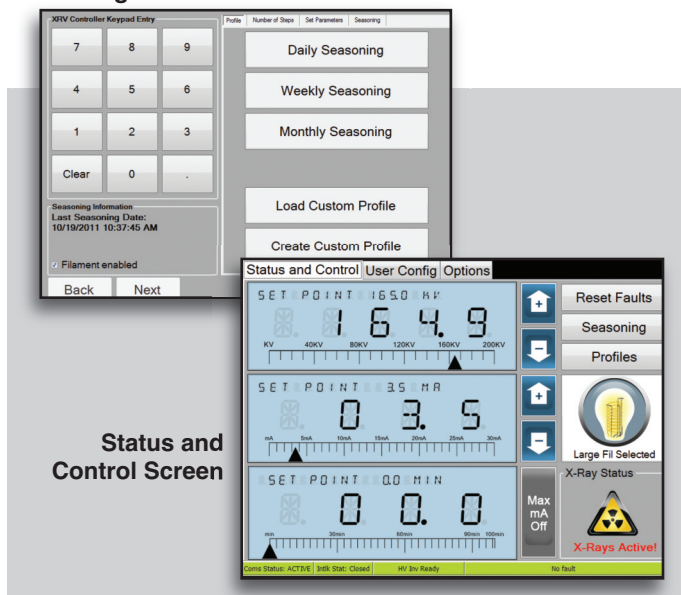
- **INTEL ATOM N270 CPU @ 1.6GHZ**
- **1GB RAM**
- **7" TOUCH SCREEN LCD @ 800 X 600**
- **INTEL 945 EXPRESS GRAPHICS**
- **10/100/1000MBIT ETHERNET**
- **RS 232 SERIAL PORTS**
- **160GB INTERNAL HARD DRIVE**

The XRV Controller (XRVC) provides intuitive, touch screen driven programming and control of any of Spellman's popular XRV Series of X-Ray generators. This sophisticated and robust controller was designed using an embedded computing system running a custom Graphical User Interface (GUI). The GUI, embedded computer and ancillary hardware are housed in a rugged 5.25 inch tall (3U) rack mount chassis. Capability of the XRVC include: creation of custom X-Ray tube seasoning profiles, one shot or continuous user fabricated operational profiles, automatic X-Ray tube configuration and much more.

SOFTWARE FEATURES

- Designed for compact, touch centric environment
- Integrated on screen keyboard provides rich input capabilities for operation without an external keyboard
- Adaptive software detects XRV controller and configures accordingly
- Dynamic feedback allows control of unit with real time viewing of the output

Seasoning Screen



ADVANCED CONTROLLER FUNCTIONALITY

Seasoning

- Ability to create, save and load customized seasoning profiles (Default profiles are included)
- Real time seasoning progress, elapsed time and remaining time clocks
- Automatic notice when seasoning is required

Communications

- Ability to communicate with the XRV over RS 232 serial port
- Ability to communicate with the XRV over a direct crossover Ethernet connection or Ethernet switch

One Shot Profiles

- Ability to create, save and load customized one shot profiles
- Verification of profiles within the operating capabilities of the connected XRV unit

X-Ray Tube Selection

- Specific X-Ray tubes automatically configures the system with the recommended manufactureres operational profiles
- Supported tubes for automatic configuration can be uploaded into the XRVC

Easy to Use

- Intuitive, touch-centric, menu driven system allows operator use with little to no learning curve.
- Communication settings are retained by the XRVC, requiring only a single configuration session.
- Comprehensive status/control screen provides information on all critical operational parameters and system status indicators.

SPECIFICATIONS

Input Voltage:

180-264Vac, 50/60Hertz

Dimensions:

5.25"H x 19"W x 13"D (133.35mm x 482.6mm x 330.2mm)

Weight:

12 lbs (5.44kg)

Input Power Connector:

14 pin circular connector type 97-3102A-22-19P

Environmental:

Temperature Range:

Operating: 0°C to +50°C

Storage: -20°C to +80°C

Humidity:

0% to 95% RH

Cooling:

Convection cooled