

**Polaris® Industrial X-ray Controllers**  
**X-ray Technology for quality and Safety**

The **AC-100 industrial x-ray controller** is based on a single-board design concept for simplicity, economy, and serviceability the AC-100 is a basic, robust and highly utilitarian tool. The AC-100 offers the same unrivaled degree of error-code reporting as the SC-500 such as; safety interlock error(s), water flow and temp errors and 17 other high voltage related errors. The controller is housed in a 1.5U (3.5"X19") rack-mountable package. Versatile generator interface enables the AC-100 to be used with Competitive Generators

| <b>AC-100</b>   |                     |
|-----------------|---------------------|
| Features        | Single board design |
| Rack-Mount      | 1.5U (3.5"X19")     |
| Error Reporting | Safety Interlock    |
|                 | Water Flow          |
|                 | Temperature errors  |
|                 | high voltage errors |
| Options         | Table Top Enclosure |



The **SC-500™ industrial x-ray controller** was designed specifically for the NDT market as a cost effective yet highly capable device offering the end user the ability to extract an display more useful information than any other device on the market. This unit is unparalleled in terms of user flexibility, information gathering/retrieval/storage/reporting and system diagnosis.



| <b>SC-500™</b>  |                                |
|-----------------|--------------------------------|
| Design Features | Rockwell Automation Components |
| Rack-Mount      | 6 U panel (10.5"x19")          |
| Error Reporting | Safety Interlock               |
|                 | Water Flow                     |
|                 | Temperature errors             |
|                 | high voltage errors            |
| User Interface  | Industrial-Grade Graphical     |
| Flash Memory    | Upgradable Via Remote          |
| I/O interface   | Self Contained                 |
| Fault Codes     | Text Format                    |
| Tube Types      | Comprehensive                  |
| Event log       | Fault Codes                    |
| Tube-Safe™      | Auto Shutdown (tube arcs)      |
| Memory Storage  | 2500 Techniques                |
| Options         | Table Top Enclosure            |
|                 | Remote Communications          |
|                 | Tube-Temperature Sensor        |

**Features/Benefits;**

- Based upon high-quality, nationally supported Rockwell Automation Components
- Robust, industrial-grade graphical user interface
- Long-life LED lamps - no bulbs to burn out or change
- Self-contained I/O interface - easily installs in lead room / cabinet environment
- Able to address an infinite number of x-ray tube-types