



# SANTA BARBARA AUTOMATION

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## Scanning X-ray Systems

Originally designed for analysis of drill cores, these scanning x-ray systems may be used for any scanning analysis work. X-ray sources from 80KV to 160KV may be matched to a wide selection of analog or digital detectors to provide the highest resolution images.

Designed for versatility and high resolution without the cost of facilities modification, this is a complete self-contained x-ray system capable of both vertical and horizontal operation.

Multiple scan areas may be defined within the scan area, each with a separate scan program for automatic image acquisition.

Define a custom 'recipe' for each scan sequence for repeated and identical image acquisition when using similar products.

Multiple images may be automatically acquired at each step for contrast enhancement or time studies.

Stainless steel inner and outer panels with lead inner layer for complete shielding.



### SPECIFICATIONS

X-ray cabinet size	92w x 102h x 70d inches
Control cabinet size	24w x 76h x 30d inches
AC power source	230VAC, 50/60Hz/15A
Control system	PLC/Workstation PC
X-ray source	130/160KV nominal
Detector	9" II nominal
Image resolution	12-bit gray scale
Analog zoom factor	2:1
Linear scan length	78 inches
Linear resolution	.01mm
Target rotation	+/- 90 degrees
Rotation resolution	.01 degree
Tilt capability	Horizontal to vertical

