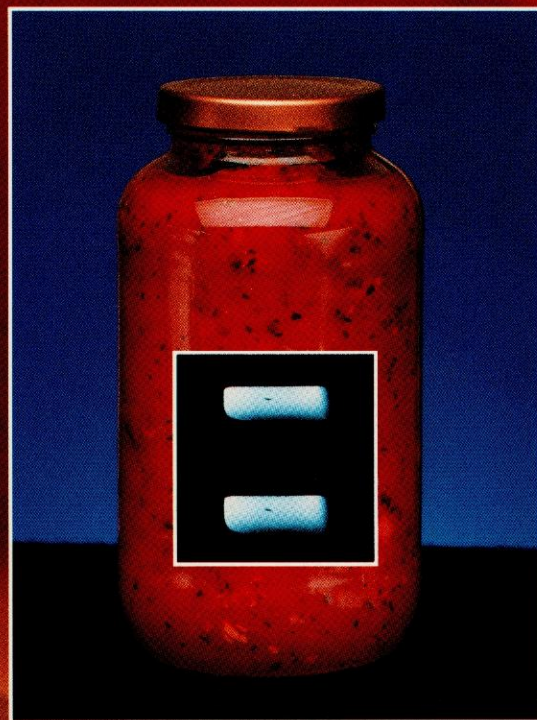


QSCAN[®]

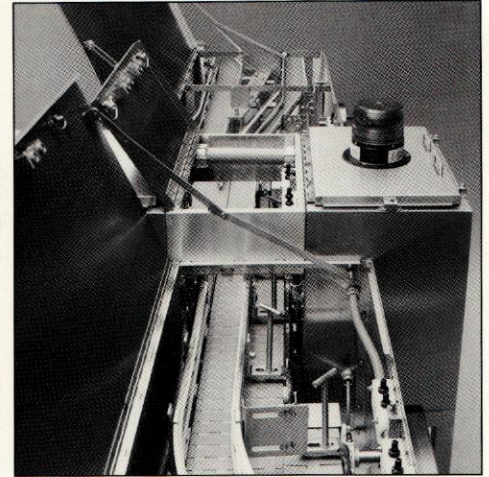
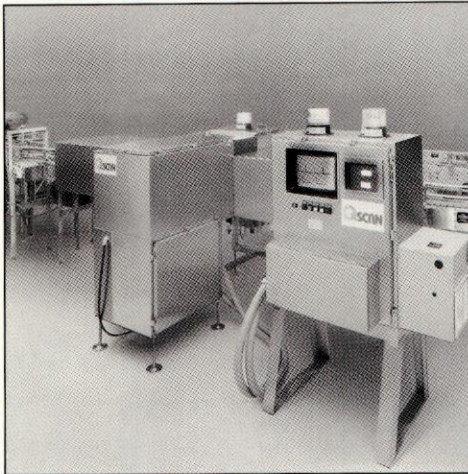
QS 2000

An Automatic On-Line
X-Ray Inspection System



PAR[™]

PAR Vision Systems Corporation



QSCAN® QS200 System Description

The Qscan® Model QS200 Automatic On-Line X-ray Inspection System is capable of detecting glass, metal (ferrous and non ferrous), stones, bone and other foreign contaminants inside filled and capped containers. It is a complete, turn-key automatic system that offers the following features:

- Operation at **variable** lines speeds of up to 800 cpm (container size 4.3" dia x 7" fill height) or lines speed of 250ft per minute.
- QS200 system utilizes **dual x-ray beam generation** and horizontal imaging geometry for optimum inspection coverage of larger container sizes and non cylindrical shapes.
- Typical Performance: ≥98% Probability of Detection with ≤0.5% False Reject Rate on 3mm glass and 0.75mm metal (ferrous and non ferrous) contaminants. (performance detectability may vary dependent upon container size and product homogeneity)
- Extremely reliable industry proven product handling system and reject mechanism.
- Requires just over 10 feet of conveyer line space for installation.
- Fast and easy changeover from one container size to another. Minimal change parts required.
- User friendly, "**touch screen**", menu driven operation.
- System software includes a **dynamic threshold** software program that continually monitors the consistency and homogeneity of the inspected product and adjusts the system's training parameters to operate at peak performance detection with a minimum of false rejects.
- Statistical information is stored on a hard drive and can be transferred to hard copy via printer or backed up on a 3 1/2" disk drive.
- Self diagnostic software for easy troubleshooting.
- Designed specifically for the food plant environment, stainless steel construction and the system is hose down tolerant.
- X-ray is generated electronically and cabinetry conforms to federal standards for cabinet x-ray systems as required by 21CFR1020.40. As safe as watching a color TV in your living room.
- PAR provides complete maintenance and operator training with every system and 24 hour phone support.

QSCAN® QS200 Specifications

Description:	On-Line Automatic X-Ray Inspection System
Container Types:	Glass Jars or Cans
Diameter	2.00-4.30 In.
Fill Height	2.00-7.00 In.
Conveyer Speed:	0-250 ft./Min.
Inspection Rate:	0-800 CPM
Conveyer Height:	34.0-40.0 In.
Conveyer Width:	3.25-4.50 In.
X-Ray Cabinet Dimensions:	
Width	5.0 ft.
Length	8.5 ft.
Height (above conveyer)	28 In.
Imaging Geometry:	Horizontal
Camera:	Solid-state High resolution
Image Converter:	Image Intensifier
Operator Controls:	Power On/Off Conveyer On/Off X-Ray On/Off X-Ray Keypress
Computer Interface:	Touch Screen Keyboard (maintenance only)
Power:	220 V 1 PH. 20 amp., 50/60 Hz
Compressed Air:	
Pressure	65-125 PSIG.
Volume	4.5 CFM
Environmental Limits:	
Temperature	45°-105° Deg. F. 7°-40° Deg. C.
Humidity	0-100 Percent Noncondensing