AXC-800 III Plus
Component Counting System

Scienscope’s AXC-800 III Plus makes inventory management and component counting faster, more accurate, and easier than ever before. The new upgrade comes with a conveyor, and label placer which makes for simultaneous loading, counting, and label placement, besides reducing the cycle to one-third of the time it eliminates wrong label placement. Simply place reels in the system, and the count begins automatically.

Applications

- Tubes
- JEDEC Trays
- 7”, 13” and 15” Reels
- Loose Wound Components
- Sealed ESD Bags
- Tightly Wound Components
- Cut Strips
- BGA Ball Count

FEATURING

- Incoming mode, scan label, check MES, receive UID print and place new label
- Turnkey operation
- Automatic conveyor
- Read 12 count 7” reels in under one minute
- Three-axis robot arm places labels and helps eliminate wrong label placement
- Fast, Intuitive, user friendly AI software interface with 99.9% accuracy
- Scanning inside ESD bags
- MES Intergration
- Internal Barcode Scanning, no more mixed match barcodes due to operator error
- Small footprint
- Industrial PC: Microsoft Windows 10 (64-bit)

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## MACHINE SPECIFICATIONS

### Technical Operator
- Compatible Reel Sizes: (1-4) 7” reels, (1) 13” or 15” reel with a maximum of 74mm height
- Minimum Component Size: 01005”
- Count Accuracy: > 99.9%
- Worlds fastest label placement machine
- Types of Inspection: Standard SMT and TH, Standard reels up to 15” diameter, Cut Strips, ESD Bags, JEDEC Internal barcode scanning camera
- Heavy Duty Zebra Label Printer: Software interface for automatic label printing of barcodes/ component count results
- Three-axis robot arm places accurately the label on reel.

### X-Ray Tube
- X-Ray Source: Maintenance free, integrated (closed)
- Maximum Power: 50w
- Tube remains on during process giving a longer life span of 20%

### Flat Panel Detector
- Size: 17” X 17”

### General Machine Specs
- Dimensions: 63”x 44”x 81”/ 1600mm x 1117mm x 2057mm
- Weight: 616kg / 1360 lbs.
- Power: AC 100 - 240 VAC 47/63 Hz 0.8 kW
- Industrial PC Microsoft Windows 10 (64 - bit)

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**Compliance**

The ScientoPe X-Ray Component Counter Systems meet the FDA-C2RH Regulation CFR 21 1020.40 Subchapter J for Cabinet X-Ray Systems. The FDA-C2RH standard for cabinet X-ray systems states that radiation emissions will not exceed 10 micro r/hr 5 cm from any external surface. The X-Scope X-Ray Inspection Systems typically have a radiation emission reading of less than 20 micro r/hr 5 cm from any external surface. All ScientoPe X-Scope X-Ray Systems have CE approval. ScientoPe X-Scope X-Ray Systems are classified as “Cabinet X-Ray Systems” and require no external radiation shielding. Welded Steel / Lead Steel construction, no visible shielding.

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