

AXC-830 E

X-Ray Component Counter

AXC-830E



The Scienscope AXC-830 E, a third-generation X-ray component counter and recipient of multiple awards, is a game-changing tool for component inventory management. With state-of-the-art X-ray technology and intelligent AI algorithms, the AXC-830 E captures high-quality images of components inside reels and utilizes AI to count material accurately. With an exceptional accuracy rate of 99.9%, the AXC-830 E can count down to 01005 in less than two seconds per reel. Additionally, the device features a patented internal optical barcode scanner by Scienscope that deciphers barcodes simultaneously, streamlining the counting process even further.

The AXC-830 E uploads results to a Manufacturing Execution System (MES) in real-time. Inventory tracking and analysis can happen immediately, providing real-time data for manufacturing planning. Moreover, the AXC-830 E generates new labels automatically as reels are removed from the machine, simplifying the labeling process and ensuring accurate inventory management.



Unlocking Efficiency with AI

Our cutting-edge AI algorithms have unlocked a new level of efficiency. Precise object placement is a thing of the past, and the system can now scan large and small reels together without a hitch. This powerful combination significantly streamlines your operations.

FEATURES

- Turnkey operation
- (5-minute operator training)
- Touch Screen Monitor 23.8"
- Ergonomic Monitor Mount
- (MIN HEIGHT: 1.6m MAX HEIGHT: 1.8m)
- Scanning of (4) 7" reels simultaneously
- Fast, Intuitive, user-friendly AI software interface with 99.9% accuracy
- MES Integration (optional)
- Internal Barcode Scanning, no more mixed match barcodes due to operator error
- works with Scienscope Smart Racks
- Industrial PC: Microsoft Windows 11

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COMPONENT MANAGEMENT

AXC-830 E Component Counter

Hardware	Operating System	Central Computer
	Reel Size	7", 13", and 15"
	Compatible Reel Size	(1-4) 7", (1) 13" or (1) 15" reel with a maximum of 74mm reel height
	X-Ray Tube Power	50kV Maximum
	Count Accuracy	≥ 99.9%
	Label Size (max)	60mm x 25mm
	Types of Inspection	Standard reels up to 15" in diameter, Cut Strips, ESD Bags, JEDEC
	Label Printing	Software interface for automatic label printing of barcodes/ component count results (Label printer optional)
	Printer Type	Zebra
	Optical Camera	20 Megapixel
Software	Flat Panel Detector	17" x 17"
	Reads Barcode Information & Uploads MES/ERP System	Yes
	Collects Information from the System & Prints Labels Automatically	Yes
	Identifies Various Types Of Barcode Formats	Yes
	Windows 11 Ready	Yes
	Dimension	63" x 44" x 81" / 1600mm x 1117mm x 2057mm
	Weight	616kg / 1360lbs
	Electric	100-240 AC 47/63 Hz 0.8KW



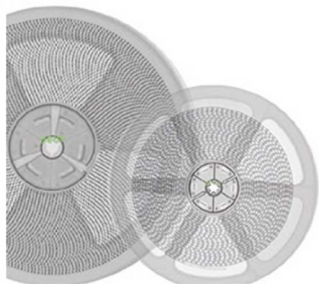
NEW The New Ergonomic Height Adjustable Monitor Mount

This advanced mount offers seamless height adjustment, tilting, and a sleek, low-profile design, allowing you to quickly achieve optimal comfort and flexibility. With adjustable heights ranging from 1.6m to 1.8m, this mount ensures the perfect setup for any workspace.

Wh-sr2-jm24



Integrated with smart rack



Improve productivity by utilizing precise and up-to-date inventory information