

Axicon 12500 Series

BAR CODE VERIFIER

BY **axicon**



Features

- Follows the ISO15416 and ISO15415 Bar Code Inspection Method
- Conforms to ISO15426 -1 and -2 Bar Code Verifier Specification
- Traceable to NIST (National Institute of Standards and Technology)
- Linear and 2D bar code inspection
- Auto-discriminates between all popular symbologies
- Accurate display of the 'X' dimension/magnification
- Automatic variable aperture
- Automatic multiple scan averaging
- Traditional analysis also provided
- Requires customer supplied PC computer

Summary

The Axicon 12500 series comprises CCD based verifier hardware and Application software, conforming to the latest ISO/ANSI print quality standards (ISO/IEC15415 and ISO/IEC15416). Our equipment has been independently tested and conforms to ISO/IEC15426-1 and -2.

The Axicon 12500 series is designed for DataMatrix, QR Code, PDF417, microPDF417, and DataBar (formally RSS).EAN/UPC, ITF-14, GS1-128, Code 128, and Code 39 (with sufficient field of view). The simple to use design reduces user error and eliminates product damage while providing the highest level of accuracy achievable for verification.

Axicon 12000 Series Models:

- **12500** - Max bar code size 1.45" x 1.0" (37mm x 25mm)
- 12000 - Max bar code size 1.0" x 0.7" (25mm x 18mm)
- 12600 - Max bar code size 2.0" x 1.5" (51mm x 38mm)
- 12700 - Max bar code size 2.75" x 2.0" (70mm x 51mm)
- 12800 - Direct Part Marking, Max bar code size 1.0" x 0.7" (25mm x 18mm)



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OPTIONAL ACCESSORIES

Features

ISO inspection test method	Y
Instant "On-Screen" ISO/ANSI grade	Y
ISO 10-scan grade averaging	Y
Traditional test method	Y
Special reflectometer mode	Y
Auto-switch Symbologies	Y
Automatic variable aperture	Y
Automatic power off	N
Data buffer	Y
Command code programming	N
Detail hardcopy printout	Y
Quality information saved to a .cvs file	Y
User Data displayed on reports	Y

Verification Methods

Parameters determined by ISO/ANSI bar code print quality guidelines and traditional pass/fail criteria.

	12000	12500	12600	12700	12800
ISO	Y	Y	Y	Y	Y
Traditional	Y	Y	Y	Y	Y
Bar/Space Measurements	Y	Y	Y	Y	Y
Industry Applications:					
GS1-DataMatrix	Y	Y	Y	Y	Y
CIP-DataMatrix	Y	Y	Y	Y	Y
Turkish Ministry of Health	Y	Y	Y	Y	Y
AI Checking	Y	Y	Y	Y	Y
DPM	N	N	N	N	Y

Dimensions

Height:	6.9 in. (17.5 cm)
Width:	6.5 in. (16.5 cm)
Length:	7.0 in. (17.7 cm)

Mechanical

Weight:	3.5 lbs. (1.6 kgs)
Power:	USB
Case:	Cast Aluminum
Beeper:	None
Display:	Computer monitor
Keypad:	1-button, capture scan
LEDs:	None

Environmental

Operating Temperature:	50 to 104° F (10 to 40° C)
Storage Temperature:	-4 to 158° F (-20 to 70° C)
Relative Humidity:	25% to 80% Non-condensing

Optical:

Test Aperture:	3 mil to 20 mil, software can be set to aperture or application setting
Wavelegth:	Visible: 660nm

Symbologies:

DataMatrix, QR Code, PDF417, microPDF417, and DataBar (formally RSS).EAN/UPC, ITF-14, GS1-128, Code 128, Code 39.

Safety/Regulatory:

FCC Class A, CE Certified

