

Axicon 12000 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 12000 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 12000 series is designed for DataMatrix, QR Code, PDF417, microPDF417, and DataBar (formerly 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:

- **12000** - Max bar code size 1.0" x 0.7" (25mm x 18mm)
- 12500 - Max bar code size 1.45" x 1.0" (37mm x 25mm)
- 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)

The Axicon 12000 series is the most accurate handheld verifier for small sized linear and 2D bar codes from Axicon

The Axicon 12000 series meets the International Organization for Standardization's "Bar Code Print Quality Test Specification" (ISO 15416 and ISO 15415) for both linear and 2D bar codes. It also meets International Organization for Standardization's "Bar Code Verifier Conformance Specification" (ISO 15426-1 and ISO15426-2).

Simply install the software on your computer, plug in the verifier and you can be confident that your barcodes are being checked to the highest standards. Exclusive software features including .csv file saving and the additional ScanDB software (spreadsheet reporting function), Application Identifier (AI) Data Content Checker and Product Look-Up.

The Axicon Verifier, when used in conjunction with the accurately produced calibration sheet, forms an integral part of your ISO 9000 quality control procedures. Free software updates for life are downloadable from our website, ensuring that the instrument will remain at the leading edge.

A printed report can be produced on any connected printer. The report will be automatically resized to suit the output media including S/A labels. Printouts include all the main verification information.

This equipment and its documentation were developed to fit into your company's existing ISO 9000/9001/9002 policies and procedures.



Axicon 12000 Series

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

