Axicon 12000 2D Barcode Verifier

axicon VERIFIERS

Product Summary

The Axicon 12000 2D verifier is designed to give repeatably highly accurate results when verifying Datamatrix and similar barcodes.

The Axicon 12000 conforms to all of the latest ISO, GS1 and Pharmaceutical standards – and the Axicon 12000 has pioneered the AI content checking for the different pharmaceutical requirements (CIP, Turkish Ministry of Health, etc)

The Axicon 12000 is designed for all 2D barcodes where an aperture size of 3mil or more is required (up to the scan area available - see scan area details overleaf) - the user can set the aperture either directly or by specifying a required Application Standard.

Typical Application

The Axicon 12000 has been designed to be the best ISO verifier available for Datamatrix barcodes - particularly those within the pharmaceutical industry.

Using alternative software available the 12000 will also verify QR and Aztec 2D codes, as well as small PDF417 codes

Software

Simply install the software on your computer, plug the verifier into an available USB2 port and you can be confident that your barcodes are being checked to the highest standards.

The standard software includes everything you could ever need from a barcode verifier. Traceability features include automatic saving of files, reports in a variety of formats, data content checks against a wide range of application standards as well as the product look-up function - helping you to ensure that your barcodes are fit for purpose.

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 are downloadable from our website www.axicon.com, ensuring that your verifier will remain at the leading edge.

Accuracy, Repeatability and Reliability. Axicon have been involved with barcode verification for 30 years and pioneered the use of CCD imaging for verification. With time comes experience and insight and we're not short of either! Actively listening to our clients suggestions, we constantly enhance and improve our system. The result? The most comprehensive and flexible verification system on the market.

- ISO/ANSI Verification Standards
- ISO 15415, ISO 15426-2, ISO 16022
- Features included to meet the requirements of 21 CFR Part 11
- Multi-level passwords
- GS1 Reporting Template
- USB2 Connection
- Automatic Calibration Reminder
- Variable Aperture (Minimum 3mil)
- Scan Saving & Loading
- Display of X Dimension
- AI Data Content Checker
- Product Look-up Facility
- Multi Language User Interface
- Multi-scan average option

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SOFTWARE SPECIFICATIONS

Symbologies Verified:	Datamatrix,
	Using alternative software available the Axicon 12000 can also verify:- QR Code, Aztec Code, PDF417, Micro PDF, GS1-Databar, Pharmacode
Application Standards:	GS1-Datamatrix, CIP-Datamatrix, Turkish Ministry of Health
Analysis Performed on Relevant Symbologies:	Full ISO/ANSI Parameter Analysis (Symbol Contrast, Modulation, Reflectance Margin, Axial Non-Uniformity, Grid Non-Uniformity, Decode, Unused error correction and Fixed Pattern Damage).
	Fixed pattern damage is then analysed by: Left L side, Bottom L side, Quiet Zonea, transition ratios, clock tracks
Diagnostics Windows:	Summary Screen, ISO Parameter details screen, Camera image, GS1-Data Content Checks, Codewords screen
Logging:	Scan Saving and Loading - stores complete details of scan file data. Allows for remote diagnostics and also for increased traceability.
Calibration Logging:	A record of date and time to show when the hardware has been calibrated is kept - vital for ISO 9000 records.
Configurable Options:	Application Identifier checking, display colours, password control, scan averaging
Error Messages:	By ISO parameter, also X dimension, bar gain
Plugins Available:	CIP-Datamatrix AI/Content checking, Turkish Ministry of Health-Datamatrix AI/Data Content Checking, GS1-Datamatrix AI/Data Content Checking. Product Lookup.

HARDWARE SPECIFICATIONS

Dimensions:	Base : 165mm x 177mm x 175mm high (Base: 6.5″ x 7.0″ …. X 6.9″ high)
Scan area:-	Model 12000 : 25mm x 18mm. (1.0″ x 0.7″)
	Model 12500: 37mm x 25mm (1.45″ x 1.0″)
Weight:	1.6 Kgs (3.52 Lbs) - (verifier excluding power supply unit)
Construction:	Cast Aluminium
Interface:	USB2
Power Consumption:	Current draw from USB2 port: Negligible (connection is for data transfer only)
	Power supply Unit requires input 110c -240vac 50/60 cycles Output 25W max.
	(Use only approved power supply – output 12v at 0.8A
Nominal Measuring	3mil (75 microns)
Aperture:	The software can be set by the user to the required aperture either by aperture setting or by application setting.
Wavelength of Light:	660 nanometers

GENERAL INFORMATION

Print of Analysis:	A printed report can be produced on any connected printer.
Standard Accessories:	Transit Case, Calibration Sheet, Start-up Guide, Software CD, Compliance Certificates.
System Requirements:	PC running Windows XP or later with a USB 2 port available.
Environmental:	Operating Temperature: 10° to 40°C (50° to 104°F)
	Storage Temperature: -20° to 70°C (-4° to 158°F)
	Relative Humidity: 25% to 80% @ 40°C non-condensing (25% to 80% @ 104°F non-condensing)

Warranty: 12 months parts and labour – return to bench.

All trademarks are acknowledged as belonging to their respective companies.

Due to Axicon's continuing product improvement programs, specifications and features herein are subject to change without notice.