

Axicon 7000 series

Apple Macintosh OS X based Barcode Verifiers



PRODUCT SUMMARY

The Axicon 7000 series comprises CCD based verifier hardware and Application software, conforming to the latest ISO/ANSI print quality standards (ANSI x3.182, ISO/IEC15416-1). Our equipment has been independently tested and conforms to ISO/IEC15426-1.

The Axicon 7000 series is designed for all barcodes where a 10 or 20mil aperture is mandatory (such as UCC/EAN-128 and ITF-14), up to 195mm" width including Light margins. The simple to use design reduces user error and eliminates product damage whilst providing the highest level of accuracy achievable for verification.

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.

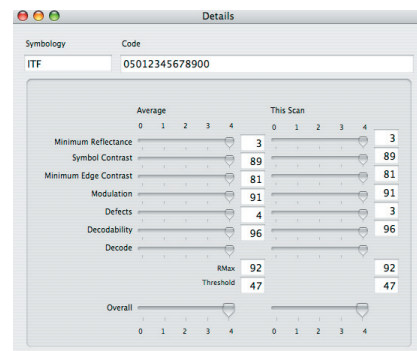
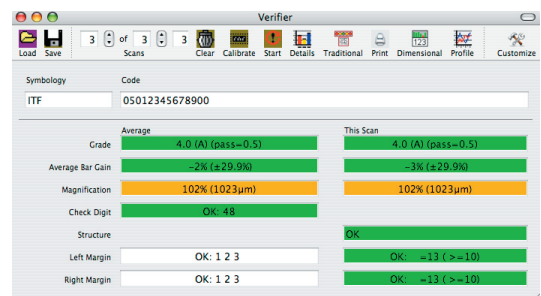
The Axicon Verifier, when used in conjunction with the accurately produced calibration sheet, forms an integral part of your ISO 9000 quality control procedures.

Free software updates for life are downloadable from our website www.axicon.com, ensuring that the instrument will remain at the leading edge.



FEATURES/BENEFITS

- ISO/ANSI Verification Standards
- Traditional Verification Standards
- USB Connection
- Windows version available
- Symbology Auto-Discrimination
- Automatic Variable Aperture (8, 10 & 20 mil)
- Scan Saving & Loading
- Display of X Dimension/Magnification



SOFTWARE SPECIFICATIONS

(Latest software updates can always be downloaded free from

- Symbologies Verified:** EAN.UCC SYMBOLOGIES: EAN-8, EAN-13 (with or without addons), ITF-14/Case Code, RSS (all symbologies), UCC/EAN-128, UPC-A, UPC-E (with or without addons).
OTHER SYMBOLOGIES: Code 39, Code 93, Code128, Codabar, ITF, MSI Plessey.
- Analysis Performed on Relevant Symbologies:** Full ISO/ANSI Parameter Analysis (Rmin, Rmax, Global Threshold, Symbol Contrast, Min Edge, Contrast, Modulation, Defects, Decodability, Decode), Average Bar Gain, Check Digit Validation, Control Characters and Structure Checking, Data Length, Nominal Bar Width Analysis (X Dimension), Symbol Structure including Parity, Subsets & Start/Stop Characters, Light Margin Validation, Wide to Narrow Ratio Display and Validation.
- Diagnostic Windows:** Details Results Window, Scan Reflectance Profile, Summary Window, Traditional Results Window.
- Logging:** Scan Saving and Loading - stores complete details of scan file data.
This 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:** Audible Warnings, Calibration Expiry Period, Changeable Pass / Fail and Warning Colours, Check Digit Validation (Code 39, Codabar, ITF), File Saving, Multi-Scan Averaging, Pass Grade, Print Options, Window sizes and positions.
- Error Messages:** Check Digit Error, Incorrect Wide to Narrow Ratio, Print Quality Failure, Light Margin Error, Reference Decode Algorithm Error, Structure Error, Unsuitable X Dimension.

HARDWARE SPECIFICATIONS:

- Dimensions:** 215 x 120 x 95 mm (125 mm including handle), Scan Width - 195 mm (including light margins)
- Weight:** 1kg
- Construction:** Cast aluminum, black ABS plastic
- Interface:** USB
- Power:** Current Draw - 180mA
- Nominal Measuring Aperture:** 8mil, 10mil and 20mil.
The software automatically identifies the symbology/nominal bar size (X dimension) and adjusts the aperture size in order to comply with the symbology specifications and International Standards.
- Wavelength of Light:** 660 nanometers

GENERAL INFORMATION:

- Print of Analysis:** A printed report can be produced on any connected printer. Printouts can be produced for the main verification information (including: Decoded Number, Time & Date, Number of Scans, Code Type, Average ISO/ANSI Grade, Average Bar Gain, Magnification, Check Character, Light margins and Grading Percentage Value).
- Standard Accessories:** Transit Case, USB Cable, Calibration Sheet, Start-up Guide, Software CD, Compliance Certificates.
- System Requirements:** Apple Macintosh running OS X 10.2 or later.

<i>ISO/ANSI verifier aperture size:</i>	<u>Aperture</u>	<u>X Dimension</u>	<u>Typical Use</u>
	5mil	Less than 13mil	Non EAN.UCC Symbologies
	10mil	13 to 25mil	Small ITF-14 and all UCC/EAN-128 codes
	20mil	greater than 25mil	Large ITF-14 codes

[For all UPC and EAN retail codes the EAN.UCC specification requires that a 6mil aperture should be used.]

*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.*

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