Axicon 7025-S Barcode Verifier

axicon
THE BARCODE EXPERTS

The Axicon "S" Range for enhanced accuracy

Product Summary

Independently tested & certified to meet International Standards, the Axicon 7025-S verifier has been specifically designed for all barcodes where an 8, 10 or 20mil aperture is mandatory (such as GS1-128 and ITF-14), up to 195mm (7.6") width including quiet zones.

The simple to use design reduces user error and eliminates product damage whilst providing the highest level of accuracy achievable for verification.

Typical Application

Traded units including pallet/ SSCC barcodes whether printed on labels, cartons or shrink film including those printed by Ink-jet directly on to outer cases.

Installation

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 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.

Enhanced Accuracy and Improved Productivity

The "S" range of Axicon verifiers has a "Continuous Scan" feature.
Just place the verifier at the top or bottom of the barcode, press the trigger and slide the verifier over the code – in less than a second you can have results averaged up to 100 verifications of the code at different points in the bar height.

Benefits

- ◆ ISO/ANSI Verification Standards
- ◆ Automatic variable aperture
- ◆ Up to 100 verifications per Second
- ◆ Ideal for GS1 Databar Stacked Codes
- ◆ Ideal for barcodes with small height
- ◆ Multi Language User Interface
- ◆ Wide range of "plug-ins" for additional features.
- ◆ USB2 Connectivity
- ◆ IP50 and IP65 Industrial Protection versions also available

SOFTWARE SPECIFICATIONS

Symbologies Verified:	GS1 SYMBOLOGIES: EAN-8, EAN-13 (with or without addons), ITF-14/Case Code, GS1-DataBar (all symbologies), GS1-128, UPC-A, UPC-E (with or without addons). (Subject to aperture size)
	OTHER SYMBOLOGIES: Code 39, Code 93, Code 128, Codabar, ITF, MSI Plessey, Pharmacode (Laetus: optional extra).
Application Standards:	AIAG, Belgian Pharmacode (MSI), Belgian Pharmacode (Unique), CIP39, Coupon Codes (UK, USA, Euro), Code Vignette, GS1 AI Check, HIBC, ISBN/ISSN, Italian Pharmacode (IMH), LPPR, M&S, PZN, SISAC, Variable Measure Codes (Branded, Instore, Australian).
Analysis Performed on Relevant Symbologies:	Full ISO/ANSI Parameter Analysis (Rmin, Rmax, Global Threshold, Symbol Contrast, Min Edge Contrast, Modulation, Defects, Decodability, Decode), Decodability per Symbol Character, Average Bar Gain, Check Digit Validation, Data Length, Nominal Bar Width Analysis (X Dimension), Print Contrast Measurement (PCS), Symbol Structure including Parity, Subsets & Start/Stop Characters, Quiet Zone Validation, Wide to Narrow Ratio Display and Validation.
Diagnostics Windows:	Parameter Detail Results, Dimensional Analysis, Pass/Fail, Scan Reflectance Profile, Static Scan Reflectance, Summary, Traditional Results, Application Identifier Data Content Checker (for GS1-128, GS1-DataBar), Product-Look-Up.
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:	Audible Warnings, Calibration Expiry Warning, Changeable Pass / Fail and Warning Colours, Optional 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, Data Content Error, Incorrect Wide to Narrow Ratio, Print Quality Failure, Product Look-Up Error, Quiet Zone Error, Reference Decode Algorithm Error, Structure Error, X Dimension Range Checking.
Plugins Available:	Code 39 full ASCII, CSV File Saving, Gen Spec, Job Reference, Product Lookup, Text Lookup, Time Zone, UPC, User Data, User Name, (see also Application Standards) plus many others.
Additional Software:	Pharmacode (Laetus) - Decode and Analysis of Laetus Pharmacode (chargeable optional extra)
	ScanDB - Reporting Tool transferring data from saved scans into a .csv file.
	RepGen - Configurable report generation tool.

HARDWARE SPECIFICATIONS

Dimensions:	215 x 125 x 95mm (8.4" X 4.9" x 3.7"), Scan Width - 195mm (7.6") including quiet zones
Weight:	1 Kg (35.2 Oz)
Construction:	Cast Aluminium and ABS plastic
Interface:	USB2 (Note this verifier will not work with a USB1 Connection)
Power Consumption:	Current draw 180mA - supplied from USB host.
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 windows printer. The report will be automatically resized to suit the output media. 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, Quiet Zone & Individual Parameters) Scan Reflectance Profiles, Dimensional Analysis, also for GS1-128 & GS1-DataBar Data Content information and Plugin Results.
	GS1 Verification Template supported.
	Customised reports available via RepGen and ScanDB utilities.
Standard Accessories:	Transit Case, Calibration Sheet, Start-up Guide, Software CD, Compliance Certificates.
System Requirements:	PC running a currently supported version of Windows with available USB2 port
Environmental:	Operating Temperature: 10° to 40°C
	Storage Temperature: -20° to 70°C
	Relative Humidity: 25% to 80% @ 40°C non-condensing
Regulatory Approvals	CE Certified, ROSH Compliant. Meets ISO 15416 and 15426-1 standards. IP50 and IP65 rated versions are also available. Has all the features necessary to meet the requirements of 21 CFR part 11.
	Warranty: 2 years parts and labour - return to bench.

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