Axicon 7025-S Barcode Verifier

The Axicon S Range - for enhanced accuracy

Product Summary

The Axicon 7025-S verifier is 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 Pack level (Warehouse) barcodes whether being verified on cartons, labels, corrugated board, shrink wrap film etc plus all pallet labels and linear barcodes of a similar size.

Enhanced Accuracy and Improved Productivity

The S range of Axicon verifiers has a "Continuous Scan" feature.
Just place the verifier over 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 scans of the code at different points in the bar height.

Benefits

- ISO/ANSI Verification Standards
- Up to 100 Scans per Second
- Ideal for GS1 Databar Stacked Codes
- Multi Language User Interface
- Ideal for barcodes with Small Height
- USB2 Connectivity

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THE BARCODE EXPERTS

Axicon 7025-S Barcode Verifier

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).

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), Symol 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 Refletance, 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 Look-up, Text Look-up, Time Zone, UPC, User Data, User Name, (see also Application Standards).

Additional Software: Pharmacode (Laetus) – Decode and Analysis of Laetus Pharmacode.
ScanDB – Reporting Tool transferring data from saved scans into a .csv file.
RepGen – Configurable report generation tool.

HARDWARE SPECIFICATIONS

Dimensions:	215 x 125 x 95 mm (8.4" x 4.9" x 3.7"), Scan Width – 195mm (7.6") including quiet zones
Weight:	1kg (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:	8mil, 10mil & 20mil
Aperture:	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. The report will be automatically resized to suit the output media. Printouts can be produced for the main verification information (including: Decoed 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 Windows XP or later with a USB2 port available
Environmental:	Operating Temperature: 10˚ to 40˚C
	Storage Temperature: -20˚ to 70˚C
	Relative Humidity: 25% to 80% @ 40˚C non-condensing

Warranty: 2 years parts and labour - return to bench.

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