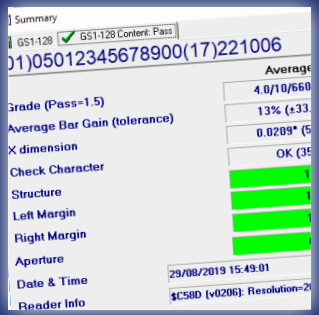
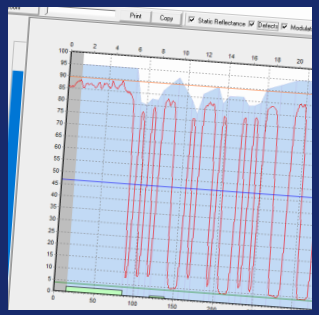
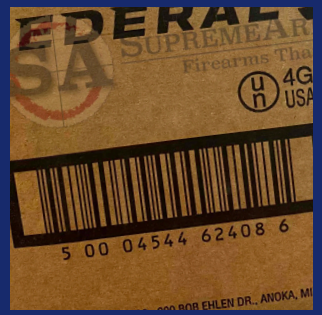
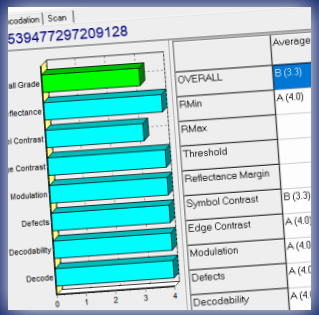




BARCODE TEST
GETTING IT RIGHT





7000 series linear barcode verifier

axicon

THE BARCODE EXPERTS

Features

Verification for outer case barcodes

ISO/IEC (ANSI) compliant verification

GS1 specifications

USB powered

Lightweight and portable

Two year warranty

Results are immediately displayed on screen, and reports can be printed or e-mailed for remote diagnosis. Reports may be saved automatically to support ISO 9001 quality control procedures. Simple user-friendly calibration, and configuration of how results are displayed. This verifier is perfect for product manufacturers, label printers, printers and packagers, and pre-press studios. It is widely used by major retailers worldwide.

GS1 Approved

Axicon 7100-S

The Axicon 7100-S barcode verifier is designed to verify large linear barcodes with a maximum width (including quiet zones) of 200mm. This means it can be used to check all barcodes used in general distribution, whether they appear on outer cases or on pallet labels (EAN-13, UPC-A, ITF-14 and GS1-128). For anyone printing 100% sized ITF-14 symbols, or larger pallet labels, this verifier is perfect.

High speed Outer case barcode verifier

The ‘S’ range of Axicon verifiers has a continuous scan feature, which means that obtaining at least ten different readings throughout the height of the barcode (as required by ISO/IEC 15416) is much faster. Simply place the verifier slightly above or below the barcode, press the trigger and slide the verifier over the code – in less than a second you can have results of up to 100 scans of the code at different points in the bar height.

Symbologies verified

Aperture reference

The software automatically identifies the symbology and its bar width (x-dimension) and adjusts the aperture size to comply with the symbology specifications and relevant ISO/IEC standard.

Free licence software

The verifier will analyse according to ISO/IEC 15416.

In addition the software can also check applications, such as:

GS1 General Specifications

Data content checking

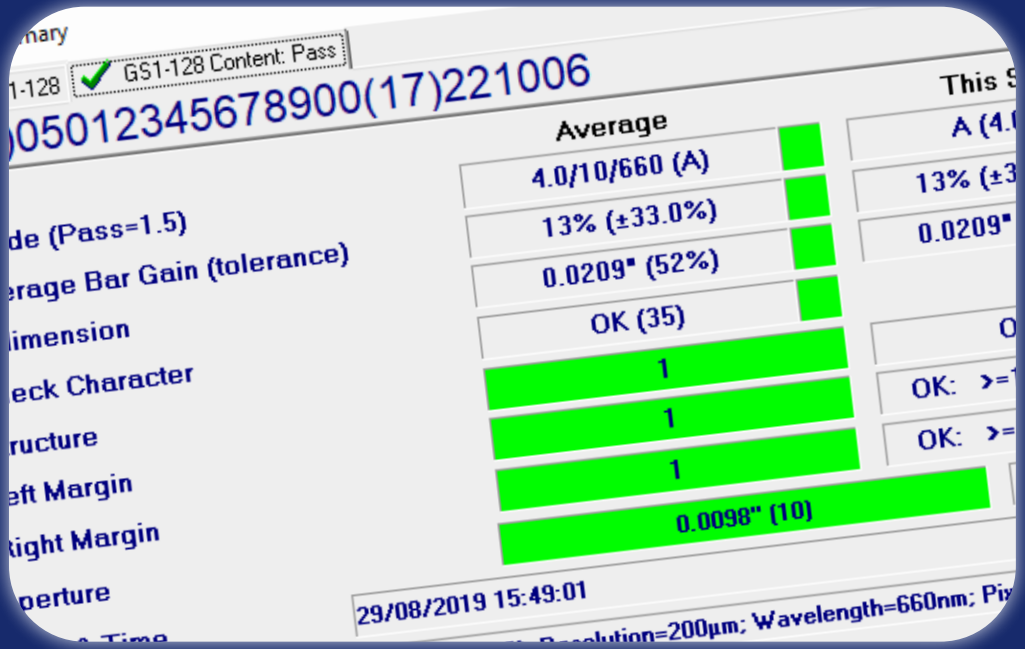
Job reference

Product lookup

Static reflectance measurements

Analysis of bars and space dimensions

And more....

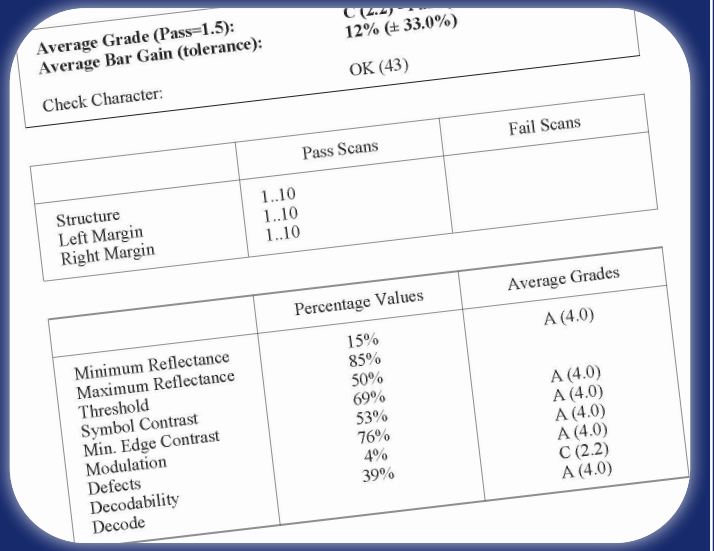


Reporting / Saving

Verification reports can be saved in various formats including:

PDF
HTML
CSV
TXT

Reports will include all ISO verification parameter grades in ISO/ANSI format.



Average Grade (Pass=1.5):	C (2.2)
Average Bar Gain (tolerance):	12% (± 33.0%)
Check Character:	OK (43)

	Pass Scans	Fail Scans
Structure	1..10	
Left Margin	1..10	
Right Margin	1..10	

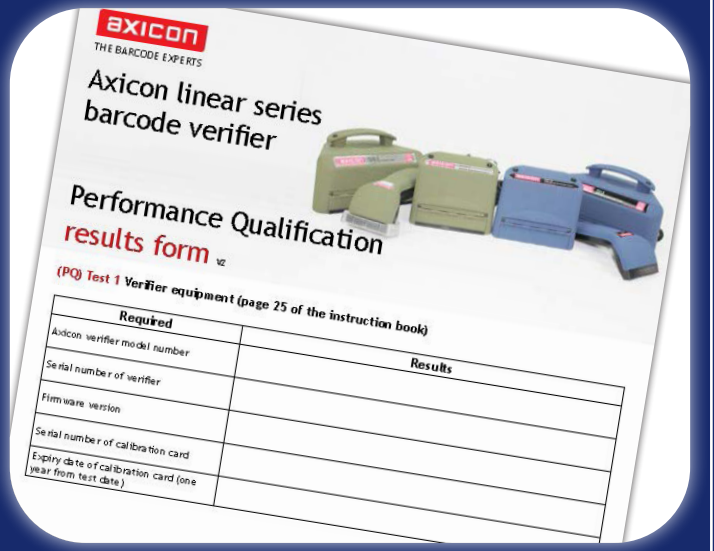
	Percentage Values	Average Grades
Minimum Reflectance	15%	A (4.0)
Maximum Reflectance	85%	
Threshold	50%	A (4.0)
Symbol Contrast	69%	A (4.0)
Min. Edge Contrast	53%	A (4.0)
Modulation	76%	A (4.0)
Defects	4%	C (2.2)
Decodability	39%	A (4.0)
Decode		

21 CFR part 11

Auto saving of reports and user permission controls features enable 21 CFR part 11 compliance.

IQ / OQ / PQ

Installation, operational and performance qualification available. Comprises documentation, results forms and performance test cards.



axicon
THE BARCODE EXPERTS

Axicon linear series barcode verifier

Performance Qualification results form v2

(PQ) Test 1 Verifier equipment (page 25 of the instruction book)

Required	Results
Axicon verifier model number	
Serial number of verifier	
Firmware version	
Serial number of calibration card	
Expiry date of calibration card (one year from test date)	

Software languages available

English

French (Français)

Spanish (Español)

Dutch (Nederlands)

Chinese (中文)
Simplified | Traditional

German (Deutsch)

Czech (Čeština)

Japanese (日本人)

Polish (Polski)

Italian (Italiano)

Korean (한국어)

Danish (Dansk)

Thailand (ไทย)

Hardware specifications

Dimensions	9.4” x 5.8” x 6.6” (240 x 148 x 170mm)
Weight	1.34 kg (47.2oz)
Construction	ABS plastic, CCD sensor, LED illumination
IP options (7015 + 7025-S)	Also available with IP50 (EN 60529) rated protection. Field of view 190mm
Power consumption	Current draw 150mA at 5v – supplied from USB-2 host
Wavelength of light	660 nm (red)
Calibration	N.I.S.T. traceable calibration card with certificate included
Carry case	Supplied for transport and storage
Environmental	Operating temperature: 10° to 40°C - Storage temperature: -20° to 70°C Relative humidity: 25% to 80% @ 40°C non-condensing
Regulatory approvals	UKCA and CE certified, RoHS compliant

7015-IP

Contact

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