



## Features

100 verification scans per second

ISO/IEC compliant verification

Lightweight and portable

Automatic variable aperture

User configurable

# Axicon 6100-S

## High speed barcode verifier

The Axicon 6100-S is designed to verify small linear barcodes (with a maximum length, including quiet zones, of 69 mm) typically used on products scanned at the retail point-of-sale, or pharmaceutical products scanned at the point-of-care. These barcodes include EAN-13, EAN-8, UPC-A, UPC-E, Code 39, Code 128, HIBC, GS1 DataBar, GS1-128, CIP 39 and Laetus Pharmacode.

### Features & Benefits

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) 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.

### Software

Designed to function with any PC running any currently supported version of Microsoft Windows. The software is always updated to meet latest requirements of the GS1 General Specifications, and is available free of charge from our website.

### About Axicon

Axicon Auto ID is a world leader in barcode verification, having developed and manufactured our own range of verifiers since 1989. Axicon barcode verifiers are used to measure the quality of linear and matrix barcodes, on all levels of product packaging.



## Software specifications

Symbologies verified	EAN-8, EAN-13 and UPC-A (with or without add-ons), UPC-E, GS1 DataBar (all symbols), ITF-14, GS1-128, Code 39, Code 93, Code 128, Codabar, ITF, MSI Plessey, (all symbols no wider than 69mm) Laetus Pharmacode.
Application standards	AIAG, Belgian Pharmacodes (MSI and Unique), CIP39, Coupon Codes (UK, USA, Euro), GS1 Application Identifier Check, HIBC, ISBN/ISSN, Italian Pharmacode (IMH), LPPR, M&S, PZN, SISAC, Variable Measure Codes (Branded, Instore, Australian).
Analysis	All ISO/IEC parameters, ANSI option, decodability per symbol character, nominal x-dimension, average bar gain, check digit validation, print contrast measurement (PCS), wide-to-narrow ratio, symbol structure, quiet zones.
Calibration logging	Record of date and time for ISO 9001 records
Configurable options	Simplified pass/fail display, number of scans per verification, pass grade, print and file save options, audible warnings, calibration reminder, check digit validation, report generation tool, GTIN validation (with appropriate database). CSV file saving, user data, data checking for various applications

## Hardware specifications

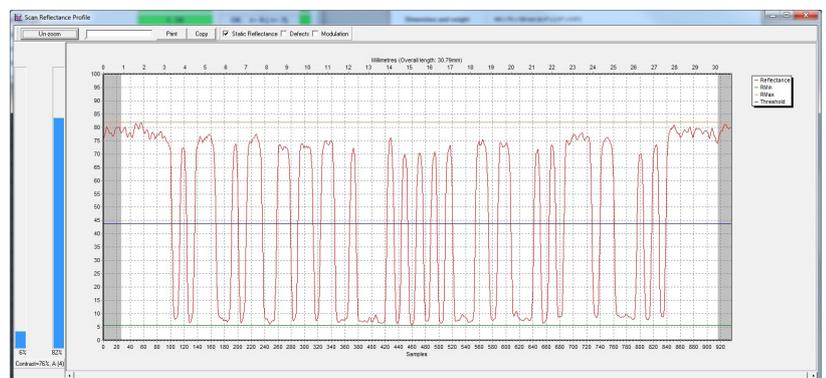
Dimensions	186 x 62 x 103 mm (7.3" x 2.4" x 4.0")
Weight	440 g (15.5 oz)
Construction	ABS plastic, CCD sensor, LED illumination
Interface and power consumption	USB 2.0. 130mA at 5v.
Aperture reference numbers	03, 05, 06, 10, and 20
Wavelength of light	660 nm
Maximum scan width	69 mm (2.7")

## General information

Regulatory approvals	CE marking (compliant with RoHS and EMC directives) Compliant with ISO/IEC 15416 and ISO/IEC 15426-1 Can meet the requirements of 21 CFR part 11.
Operating range	Operating temperature: 10° to 40° C Storage temperature: -20° to 70° C Relative humidity: 25% to 80% @ 40° C non-condensing.
Warranty	Two years parts and labour - return to bench.

**Summary**  
EAN-8  
01234565

	Average	This Scan
Grade (Pass=1.5)	A (4.0)	A (4)
Average Bar Gain (tolerance)	6% (±31.8%)	6% (±31.8%)
Magnification	109% (361 µm)	109% (361 µm)
Check Character	OK (5)	
Structure	1..10	OK
Left Margin	1..10	OK: >= 9 (>= 7)
Right Margin	1..10	OK: >= 9 (>= 7)
Aperture	150 µm (06)	43 bars + spaces
Date & Time	18/06/2015 14:29:09	
Reader Info	SD504 (v0206): Resolution=75µm; Wavelength=660nm; Pixel size=32891nr	



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As Axicon continually improves its products, the specifications and features explained here are subject to change without notice.

