Axicon 12700
2D Barcode Verifier

axicon

THE BARCODE EXPERTS

Axicon 12700 Barcode Verifier

Product Summary
The Axicon 12700 2D barcode verifier is one of the 12000 series from Axicon. It is designed to give consistent accurate results on a wide range of both linear and 2D barcodes up to a maximum size of 70mm x 51mm (including light margins). All barcodes are measured to the latest ISO/ANSI and GS1 standards.

With its nominal 6mil aperture that can be adjusted as appropriate to suit the barcode, the Axicon 12700 is suitable for all barcodes with an X dimension greater than 180 microns and up to a maximum physical size of 70mm x 51mm.
Suitable for QR Codes, Datamatrix, Aztec, PDF417, MicroPDF as well as a range of linear barcodes.

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 standard software includes everything you could ever need from a barcode verifier.
The Axicon Verifier, when used in conjunction with the accurately produced calibration sheet, forms an integral part of your ISO 9000 quality control procedures.

Accuracy, Repeatability and Reliability.
Axicon have been involved with barcode verification for over 30 years and pioneered the use of CCD imaging for verification. With time comes experience and we're not short of either! Actively listening to our clients suggestions, we constantly enhance and improve our system. The result? The most comprehensive and flexible verification solutions on the market.

The Axicon 12700 verifier for 2D and linear barcodes with a maximum size of 70mm x 51mm

- ♦ **Benefits**
- ♦ ISO/ANSI/GS1 verification standards
- ♦ Variable aperture with manual override
- ♦ Wide range of print and reporting options
- ♦ Easy operation
- ♦ PQ Test Kit available for on-site re-certification
- ♦ Meets ISO 15415, 15426-2 (and other) standards

Axicon 12700 – Barcode Verifier
For linear and 2D barcodes

SOFTWARE SPECIFICATIONS

Symbologies Verified:	DataMatrix, QR Code, Aztec, PDF417, MicroPDF, EAN-8, EAN-13, UPC-E, UPC-A, GS1 Databar, ITF, Code 39, Code 128, MSI Plessey (subject to maximum field of view - see below)
Analysis Performed on Relevant Symbologies:	Full ISO/ANSI verification to the latest standards. The system includes free-of-charge software updates for life to enable it to be kept current with the latest standards.
Diagnostics Windows:	Main screen (image of barcode, decode, grade etc), Data Detail, General Characteristics, ISO Quality Prameters and detail, Scan Profile, Report Format
Reporting:	To PDF, HTML, CSV or Text formats. Includes ability to append to PDF files
Configurable Options:	Symbology. Application Standard, reporting information, print format and content.

HARDWARE SPECIFICATIONS

Scan Area	70mm x 51mm
Dimensions:	Base : 148mm x 172mm x 210mm high
Weight:	1.34 kgs (2.95 lbs) - verifier excluding power supply unit
Construction:	Cast Aluminium
Interface:	USB2
Power Consumption:	Current draw from USB2 port: Negligible (connection is for data transfer only) Power supply unit requires input 110 - 240vac 50/60 cycles Output 25W max. (Use only approved power supply - output 12v at 0.8A).
Nominal Measuring aperture	6mil
	The software can be set by the user to the required setting either by aperture selecting a fixed aperture or an automatically adjusted aperture.
Wavelength of Light:	660 nanometers

GENERAL INFORMATION

Print of Analysis:	A printed report can be produced on any connected printer.
Standard Accessories:	Transit case, Calibration Sheet, Start-up Guide, Software CD, Compliance Certificates.
System Requirements:	PC running Windows XP or later with a USB 2 port available.
Environmental:	Operating Temperature: 10°C to 40°C (50 to 104°F) Storage Temperature: -20°C to 70°C (-4 to 158°F)
	Relative Humidity: 25% to 80% @ 40 C non-condensing (25% to 80% @ 104°F non-condensing)
Regulatory Approvals:	CE certified, RoSH Compliant.
	Meets ISO 15415, ISO 15426-2, ISO 15416 & ISO 15426-1 standards
Warranty:	1 Year 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.