



Auto ID Solutions

a division of Product Development Laboratory, Inc.

ISO 15426-1 Accuracy Report

Report Date: 12/16/2004

Report Number: 1020382

CUSTOMER AND INSTRUMENT INFORMATION:

Major Printing Corporation
775 South James Boulevard
Lewisburg, TN 37091

Model:
Serial number:

Inspector D4000 – Auto Optic
4424433957

INSTRUMENT ACCURACY:

TEST PARAMETER	TEST STANDARD	INSTRUMENT TEST READING	ALLOWABLE DEVIATION	ACTUAL DEVIATION	RESULT
Direct contact unit:					
UPC-A Master Symbol					In tolerance
ISO/ANSI overall grade	4.0	4.0	± 0.2	+0.0	In tolerance
Decodability	85.6%	84%	± 8%	-2%	In tolerance
Modulation	84.6%	83%	± 8%	-2%	In tolerance
Symbol Contrast	80.2%	83%	± 8%	+3%	In tolerance
Defects Symbol					
ISO/ANSI overall grade	2.0	2.0	± 0.2	+0.0	In tolerance
Defects	21.7%	23%	± 8%	+1%	In tolerance
Decodability (bar) Symbol					
ISO/ANSI overall grade	2.0	2.0	± 0.2	+0.0	In tolerance
Decodability	46.6%	46%	± 8%	-1%	In tolerance
Contrast Symbol					
ISO/ANSI overall grade	2.0	2.0	± 0.2	+0.0	In tolerance
Symbol Contrast	49.7%	55%	± 8%	+5%	In tolerance
Overall Results					In tolerance

The instrument(s) listed on this certification have been calibrated against standards traceable to the National Institute of Standards and Technology (NIST).

The calibration test accuracy ratio (TAR) was maintained, unless otherwise noted, at the test accuracy of the calibration standard(s) used.

Did your unit meet the ANSI/ISO standards?

The "Test Standard" column shows the 'true' bar code values and the "Instrument Test Reading" column shows what your unit reported.

requirements of:
(Standard – Linear Symbolologies)
(Application – Linear Symbolologies)

CALIBRATION STANDARDS:

NIST TRACEABLE NUMBER	INSTRUMENT ID NUMBER	DESCRIPTION	CALIBRATION DATE:	CALIBRATION DUE:
NIST SRM-1930-90	10053	Calibrated Conformance Standard Test Card for UPC/EAN Symbol Verifiers	10/15/2004	04/15/2005
NIST 821/253660-94				
NIST SRM-1930-90	10051	Reflectance Calibration Standard	10/15/2004	04/15/2005

Calibration Approved By:

Jeffrey Beaudoin
Vice President, Operations

Traceable numbers assigned by NIST