

Quick Check[®] PC600

Bar Code Symbol Verifier

The Quick Check PC600 Verifier is a professional, quality control tool for verifying the readability and standards compliance of printed bar codes. It consists of a Windows-based software package, a “mouse” wand or pen wand bar code optical sensing device, and an interface that connects to the serial port of an IBM[®]-compatible desktop or laptop PC.

For printing, receiving, or using bar codes in manufacturing or distribution applications, the Quick Check PC600 Verifier provides quick and easy-to-view full ISO/IEC test parameter analysis and traditional pass/fail parameters. The QCPC600 is manufactured and traceable to NIST (National Institute of Standards and Technology) standards developed by the Uniform Code Council (UCC) and Automatic Identification Manufacturers (AIM).

Input is provided by either an interchangeable mouse wand or pen wand that is compatible with Quick Check 600 or 800 Series Desktop Verifiers. To accommodate varying label densities, just select the appropriate aperture; in mouse wands choose from 3, 5, 6, 10, and 20 mil sizes; in pen wands choose from 5, 6, and 10 mil sizes. Each unit decodes and verifies the character format for Code 39, Interleaved 2 of 5, EAN/UPC, Codabar, Code 128, Telepen, and UCC/EAN-128. The Quick Check PC600 Verifier delivers information about the critical optical characteristics of bar codes including:

- All ISO/IEC bar code print quality parameters
- All traditional bar code print quality parameters

Other Features Include:

- Unrecognized symbols mode to evaluate the hardest to read bar codes
- Fully functional reflectometer mode
- Display and printability of bar/space element histogram with element width averages and ranges
- Parsing of UCC/EAN-128 message with application identifiers described

Because the Quick Check PC600 Verifier operates on your PC, it offers many advantages not available from standalone units. Bar code quality information is displayed directly on your computer monitor and hard copy output can be produced on any local or network printer. Automatic ISO/IEC symbol grade calculation provides instant bar code quality feedback. Easy-to-follow menus guide the user through the entire verification process, providing more detailed results such as scan reflectance profiles with highlighted defect, decodability, and minimum edge contrast. Once obtained, test results can even be shared with other Windows applications or stored for later retrieval. The Quick Check PC600 Verifier has all the power and flexibility you need to ensure strict bar code standards compliance.



Features

- Easy Microsoft[®] Windows[®] 98, Windows[®] XP, Windows[®] 2000, or Windows NT[®] Set-Up and Operation
- Test all Major Symbolologies Against ISO/IEC or Traditional Parameters
- Interchangeable Optical Input Devices
- Test UCC/EAN-128
- Save Files as Data Files and/or ASCII Text Files

Quick Check® PC600 Specifications

Mechanical

Configuration:	Interface/Input Box, power supply, and choice of mouse scanner, available in aperture sizes of 03, 05, 06, 10, 20 mils, or pen wand in 05, 06, and 10 mils. (Choose visible or infrared for either input device.) Plugs into PC serial port
Optical Input Connector:	9-pin plastic squeeze-to-release male Allows input from any existing or potential future Honeywell interchangeable scanner (excluding laser)
I/O Connector:	6-pin modular Allows for I/O communications with computer
Power Connector:	Power jack for powering input device and interface electronics Uses existing Honeywell QCAC charger

Environmental

Operating Temperature:	32 to 122° F (0 to 50° C)	System Requirements <ul style="list-style-type: none">• Windows 98, 2000, or Windows NT operating system• PC (or compatible) with 486 or better processor• 4 MB of RAM• 3 MB available on hard drive• Available COM Port (COM 1-4)• Microsoft®-compatible mouse
Storage Temperature:	14 to 158° F (-20 to 70°C)	
Relative Humidity:	5% to 95% Non-condensing	
ESD Sensitivity:	Withstands 20 attempts to discharge 15Kv to the unit	
Sealability:	Meets NEMA 1	
Shock:	3 feet (91 cm) to concrete	
Safety/Regulatory:	FCC Class A, CE	
Symbologies Verified:	Code 39 (1 to 49 characters); Interleaved 2 of 5 (2 to 78 characters); EAN/UPC (-A, -E, -8 and -13) includes magnification settings in a maximum of 16 steps consisting of: 80, 85, 90, 95, 100, 105, 110, 115, 120, 125, 130, 140, 150, 160, 180 and 200%; Codabar (1 to 61 characters); Code 128 (1 to 70 characters); Telepen	
Applications:	UCC/EAN-128	

Software

Verification Modes:	<ul style="list-style-type: none">• RL, RD, print contrast signal• ISO/IEC reflectance parameters• Bar/Space dimensional measurement• Average bar growth/shrinkage• ISO/IEC decodability• ISO/IEC 10-scan grade averaging• Wide-To-Narrow ratio measurements• Scan profiles on CRT and printer output• Fixed message length testing• "X" dimension calculation• Scan speed variation indication• Variable or ISO/IEC symbol grade averaging• Storage of scan results and scan profiles• Ability to add notations to scan file for later retrieval
Programming Procedures:	Report generator allows choice of print format. Click directly on a parameter to configure its setting
Verification Methods:	Parameters determined by the ISO/IEC print quality standard or traditional pass/fail criteria
Result Indications:	Visual, using an efficient graphical display Audible, using the PC speaker
Display Organization:	<ul style="list-style-type: none">• Symbol Grade with Running Average• Scan Grade• Symbology and Symbol Data• Reflectance measurements, including RL, RD, Print Contrast, Rmin/Rmax, Minimum Edge, Contrast, Modulation, and Defects• Format parameters, including Check Digit and Message Length• Dimensional results, including Decodability, Intercharacter gap, Wide-To-Narrow Ratio, and Average Bar Error• Additional results and errors are available in a scrolling list

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