Quick Check® PC600
Bar Code 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 ANSI/CEN/ISO 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 UCC (Uniform Code Council) and AIM (Automatic Identification Manufacturers).

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 ANSI/CEN/ISO 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 ANSI/CEN/ISO symbol grade calculation provides instant bar code quality feedback, and 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... all the power and flexibility you need to ensure strict bar code standards compliance.

Features

Easy Microsoft® Windows® 3.1, 95, 98, 2000, or Windows NT® Set-Up and Operation

Interchangeable Optical Input Devices

Test all Major Symbologies Against ANSI/CEN/ISO or Traditional Parameters

Test UCC/EAN-128

Files May be Saved in Data Files and/or ASCII Text Files

Upgrade your image.

Mechanical

Standard Hardware 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 HHP 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 HHP QCAC charger

Environmental

Operating Temperature: 32 to 122° F (0 to 50° C)

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

System Requirements

- Windows® 3.1x, 95, 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

Software

Verification Modes: RL, RD, print contrast signal
ANSI/CEN/ISO reflectance parameters
Bar/Space dimensional measurement
Average bar growth/shrinkage
ANSI/CEN/ISO decodability
ANSI/CEN/ISO 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 ANSI/CEN/ISO 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 ANSI/CEN/ISO print quality standard or traditional pass/fail criteria

Result Indications: Visual, using an efficient graphical display
Audible using the PC speaker

Display Organization: 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

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

Safety/Regulatory FCC Class A, CE

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