Quick Check® On-line Verifiers

On-line Verifiers Bring Bar Code Quality In Line with Your Needs

- **Precise, continuous bar code verification**
- **Automated monitoring of your bar code production**
- **Real-time quality control**
- **Flexible, easy-to-learn/use programming**

On-line Verification Ensures quality Bar Codes From Your Printer

Bar code verification is more than just scanning a bar code to see if it can be read. Verification is a process of decoding the data, measuring critical key characteristics, and assuring that the bar code will be readable in a wide variety of environments and scanning systems. By placing this verification "on-line", you can reduce costly waste of time, resources and labor right at the source of potential problems.

The One Series of Verifiers Designed Specifically For Your Business Needs.

The Quick Check series of on-line bar code verifiers provides continuous inspection of labels as they are being printed, applied, stacked or handled. Bar codes should be verified by decodability, readability and overall quality as close to generation as possible. Our product design gives you the flexibility to place an on-line verifier into your process precisely where it will do the most to improve productivity, reduce cost and increase quality.

The Model 10, used most often with direct thermal or thermal transfer printing, incorporates a laser verifier which is powered by the printer itself.

The Model 20 uses a laser verifier separate from the main controller for "print-and-apply" or conveyor verification arrangements. The Model 20 has an internal power supply. Both verifiers will read on-half inch high bar codes at speeds of up to eight inches per second.

It's Like Having an Extra Set of Eyes Watching Over Your Business All the Time.

The Model 10 can be programmed to use data from the verifier about the quality of the bar codes in process to automatically control the printer's pause function or to illuminate an indicator light, activate an external alarm, shut down the system or initiate other functions of your choice.

The Model 20 will perform the same automated command functions as the Model 10, but because of its detachable verification design, the Model 20 can also be programmed to control conveyor and other machine functions

Get the Performance You Expected From Your Bar Code Program.

Poor quality bar codes can bring a lot more problems than just short-term process costs and productivity losses. Unreadable or incorrect bar codes can cause massive shipping returns, database corruption and even customer fines. The accuracy, readability and compliance of each and every bar code we use is critical. All the productivity and cost savings we expect when we institute bar code programs can only be realized if we ensure the quality of the bar codes themselves.

PSC®

When You Need To Read A Bar Code

Quick Check® On-line Verifiers

FEATURES

Models

On-line Verifier Model 10	QCOLV10
On-line Verifier Model 20	QCOLV20

- ***Programmable for:*** "No Read"; "Warnings"; "Rejects"; "Good Evaluations"; "Scanned Profile Grading" (based on decodability); "Synchronized operation"; "Control of key printer or machine functions"
- ***Symbologies:*** Code 39; Interleaved 2 of 5; UPC/EAN with addendum; Codabar; Code 128; Code 93
- ***Applications:*** AIAG-B1; AIAG-B3/B4/B5; LOGMARS; UCC/EAN/ITF

SPECIFICATIONS

VERIFICATION

Verification methods
- ***Traditional*** (except print contrast signal)
- ***ANSI/CEN*** (decode and decodability only)

Scanner illumination	Moving beam @ 670nm
System scan rate	40 scans/second nominal
System analysis time	50 ms nominal
X dimension	7.5 mil (0.19 mm) minimum

ENVIRONMENTAL

Temperature rating
- ***Operating*** 32° F to 122° F (0° to 50° C)
- ***Storage*** -40° F to 158° F (-40° to 70° C)

Humidity	5 to 95% (non-condensing)
Regulatory approvals:	FCC Class A limits

MODEL 10

Configuration
- Single, compact housing (controller/scanner)
- Powered by printer or applicator
- Mounting stand

Mechanical
- Keypad: 4-button (select, enter, F1, F2)
- Display: 2-line, 16 characters/line
- Size: 4.25" W x 7.5" H x 3.75" D (10.7cm W x 19.0 cm H x 9.5 cm D)
- Weight: 2.2 lb. (0.997 kg)

Electrical
- Communication: RS-232
- Input Voltage: +5VDC; 300 mA max.
- LED Indicators: 6 (5 indicate output status, 1 indicates synchronization)
- Outputs: Open Collector: 250 mA sink max.; 24 VDC pull-up max.
- Inputs:
  Switch Input:
  - Internal 10K pull-up to 5 VDC
  - External pull-up to 24 VDC max.

  Electrically Isolated Input:
  - 2-wire (+, -)
  - Input resistance 47K ohms
- Activation voltage +15 VDC to 100 VDC, 120Hz full rectified 100 VDC RMS acceptable

Interfaces
- QCOLVC10U — Unterminated Interface Cable Model 10
- QCOLVC20U — Unterminated Interface Cable Model 20
- QCOLVC004 — Sato 8400
- QCOLVC004A — Sato 8400 with rewinder
- QCOLVC005A — Zebra 140 (Cutter/Sync.)
- QCOLVC005B — Zebra 140 (Sync/Label Gap)Z
- QCOLVC007 — Prodigy
- QCOLVC009 — Zebra 105S/105SE
- QCOLVCRS232 — Communication Cable–RS-232
- Kits
  QCOLV1009 — Zebra Xi 140, 170 interface
  QCOLV1010 — Zebra Xi11 90, 140, 170 i/f
  QCOLV1011 — Zebra Xi11 220 interface
- Accessories
  QCOLVPS — Power supply (external)
  QCOMOLV — Operators manual
  QCOLVSTD — Model 10 metal stand

MODEL 20

Configuration
- Separate controller and scanner
- Powered by internal power supply

Mechanical
- Keypad: 4-button (select, enter, F1, F2)
- Display: 2-line, 6 characters/line
- Size of Scanner:
  3" W x 2.2" H x 6.1" D
  (7.6cm W x 5.6 cm H x 5.5 cm D)
- Size of Control Box:
  9.125" W x 9.125" H x 3.125" D
  (23.2cm W x 23.2 cm H x 7.9 cm D)
- Weight: 4 lb. (1.8 kg)

Electrical
- Communication: RS-232
- Input Voltage:: 115 VDC ± 10%; 60Hz
- Output Voltage: 24 VDC + 10%; 125mA max.
- LED Indicators: 6 (5 indicate output status, 1 indicates synchronization)
- Outputs:
  Open Collector: 250 mA sink max.; 24 VDC pull-up max.
- Inputs:
  Switch Input:
  - Internal 10K pull-up to 5 VDC
  - External pull-up to 24 VDC max.

  Electrically Isolated Input:
  - 2-wire (+, -)
  - Input resistance 47K ohms
  - Activation voltage +15 VDC to 100 VDC, 120Hz full rectified 100 VDC RMS acceptable

Interfaces
- QCOLVC20U — Unterminated Interface Cable
- QCOLVCRS232 — Communication Cable – RS-232

Accessories
- QCOMOLV — Operators manual

CE

Specifications Subject To Change Without Notice.
For further information, contact your PSC representative.

PSC®

PSC Worldwide Website: www.pscnet.com

When You Need To Read A Bar Code

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