

Checkrite 7 Barcode Validator

axicon

THE BARCODE EXPERTS

Axicon Checkrite 7 Barcode Validator

Verification or Validation?

Both have their place!

Verification is an essential part of the quality control program and is used to test barcode quality against recognized global standards such as ISO/ANSI and GS1 standards.

Only a verifier can provide diagnostics information to identify any weaknesses within the barcode, and records this information for traceability purposes.

ISO/ANSI verification is normally carried out on a random sample basis.

A Validator is an excellent addition to the Quality Control process, ensuring that every single product has the same correct valid, readable barcode number.

Product Summary

The Checkrite 7 is a high-performance, high-speed, barcode validator housed in a stainless-steel cabinet to meet the most stringent requirements. It can be customised to suit individual requirements.

It is a stand-alone system that is fitted to a production line, comprising the control box, scanner and sensor.

When starting a new production batch the user only has to "show" the scanner a sample of the correct barcode.

Thereafter the Checkrite 7 will check that every single pack has a readable barcode and that they are all the same decoded number.

A mis-matched code will cause a red-light to show and the system can trigger an external device such as an ejector arm, audible warning or line-stop.

Non-reads will show a warning light and repeated no-reads will activate a "fail" condition status and also activate the trigger.



Instant On-Line Barcode Validation

Quality Control of the barcode is essential.....

Incorrect or unreadable barcodes on retail products can result in your shipment being rejected by your customer. You could be 'fined' and in extreme cases possibly even lose a contract. Checking all your barcodes on-line is now extremely easy using the new Checkrite 7 barcode validation system.

Benefits

- ◆ Quickly spot errors
- ◆ Reduce wastage
- ◆ Avoid costly returns
- ◆ No more fines
- ◆ High-speed scanning
- ◆ RS 232/485 or TCP/IP Comms
(surcharge for TCP/IP)
- ◆ Can be customised



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Axicon Checkrite 7

The Checkrite 7 is a stand alone, on-line barcode validation system that is used in conjunction with Microscan high performance industrial barcode readers. It can be customised to suit a range of individual requirements.

The Checkrite 7 a PLC based system housed in a stainless steel enclosure that handles the logic of monitoring the scanner's electrical outputs (Good Match, Good Read, No Read etc.) and provides a visual indicator of the validity of the barcode by way of a 3 colour light stack. On a 'Fail' condition an external output is also available to halt the production line.

Easy to install

No PC required

High-speed scanning

Can be Customised

Dimensions:
H: 300mm (Excl beacons)
W: 200mm
D: 150mm



Checkrite 7 Operation.

Show & Go Programming

Storing new match code 'master' data is very simple. The 3 way key switch is set to the 'Learn' position and a barcode passed in front of the scanner. The barcode data is then automatically stored as the 'master' * also see below re Serial Data input

Good Match

If subsequent barcodes scanned match the stored number then the Green Light will switch ON and stay on until the beginning of the next read cycle (next product passes the scanner)

Mis-Match

If the barcode scanned does NOT match the stored number then the Red Light will switch ON and stay on until the Reset switch on the front of the Checkrite 7 is activated. The Volt-free Contact will also activate which may be used to stop the conveyor.

No Read

If the barcode is missing, mis-applied or unreadable the Amber Light will switch ON and stay on until the next read cycle. After a pre-programmed number of consecutive 'No Reads' both the Amber and Red lights will light and stay ON until the Checkrite 7 is reset. At the same time the Volt-free contact will be activated as per the Mis-Match condition.

Use of the Learn, Reset and normal running functions is via a key operated 3-way switch to ensure only the line supervisor can operate the system. Key holders can also disable the system for non bar-coded products. The master label can also be loaded via the serial port if extra data integrity is required - ask about custom software.

A Checkrite 7 system is supplied with a photo-eye trigger and all the cables needed for connection to the scanners. Only a single mains power supply is required. A scanner communications connector allows barcode data from the Microscan scanner to be easily monitored and can also be used to re-program the scanner if needed. An RS485 Networked option is also available

Stainless steel enclosures for the scanners are available, at extra cost, for hose-down areas.



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