

Checkrite 5 Barcode Validator

axicon

THE BARCODE EXPERTS

Axicon Checkrite 5 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 5 is a mid-performance, barcode validator housed in a steel cabinet able to meet over 99% of the typical validator requirements. (For higher-speed, or more complex requirements including extra-programmable features the Checkrite 7 is available)

The Checkrite 5 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 5 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 5 barcode validation system.

Benefits

- ◆ On-live validation of every barcode
- ◆ Easy to install and operate
- ◆ Reduce wastage
- ◆ Avoid costly returns
- ◆ No more fines
- ◆ High-speed scanning
- ◆ Suitable for speeds of up to 5 products/ barcodes per sec.



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Axicon Checkrite 5

The Checkrite 5 is a mid-performance, stand-alone, on-line barcode validation system that is used in conjunction with an option of different barcode scanners.

It is a PLC based system housed in a 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 display on the front panel.

On a 'Fail' condition an external output is also available to halt the production line.

Easy to install

No PC required

Up to 5 products/barcodes per sec scanning

Single power source

Dimensions:
H: 300mm
W: 200mm
D: 150mm



Checkrite 5 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'.

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 5 is activated. The Volt-free Contact will also activate which may be used to stop the conveyor or activate an ejector arm.

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' (normally 5) both the Amber and Red lights will light and stay ON until the Checkrite 5 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 Checkrite 5 system is supplied with a choice of sensors and all the cables needed for connection to the scanner. Only a single mains power supply is required. A scanner communications connector allows barcode data from the scanner to be easily monitored and can also be used to re-program the scanner if needed.

For food-grade requirements the Checkrite 5 can alternatively be supplied in a stainless-steel cabinet



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