



- ## Features
- Online validation of every barcode
 - 1-D (linear) or 2-D barcodes
 - Choice of scanners
 - High speed scanning
 - Easy to install and operate
 - No PC required

Identify Direct Checkrite Barcode Validator

Validation or Verification?
 Validation is an on-line process that **prevents mis-labelling** by checking that a barcode is present, that it can be scanned and that it matches the barcode expected during a particular production batch. Verification on the other hand is measuring and grading the quality of a printed barcode according to international ISO/IEC standards and is a more rigorous off-line process.

Identify Direct's Checkrite validators are simple to install and easy to use, **high speed** online, they check every product, are **low cost / high value** and no PC is needed. They are used extensively in factory production lines to prevent mis-labelling which would otherwise often result in product recalls, crippling fines and unhappy customers.

The Checkrite validators are stand-alone systems fitted to a production line and comprise a control box, a scanner and a sensor. They are PLC (programmable logic controller) based systems that can provide a visual indication of the validity of a barcode, as well as the **ability to halt the line** and display a red alarm if an incorrect barcode is scanned.

The latest Checkrite will scan several barcoded products every second. It can be integrated with a wide range of high speed industrial barcode readers and can be customised to suit individual requirements, with extra programmable features.

Get in touch with sales@identifydirect.com for a chat or a free site visit.

About Identify Direct
 Identify Direct is a world leader in developing and installing barcode systems, since 1998. We develop, manufacture and install our Checkrite system based on standard components from suppliers including Omron, Microscan, and others. Our Checkrite is used in 'track and trace' in factory management systems as well as being a stand alone system for packaging and label validation (right label on right package).



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Features

Each Checkrite is installed with a scanner and sensor, and the choice will be determined by the particular characteristics of each production line. More details are available from our technical team.

Operation summary

Before starting a production batch, a correct barcode is scanned and all subsequent barcodes must match this first one. A constant green light means that all the barcodes scanned match the stored barcode. If a different barcode is scanned, a red warning light will show and line-stop. Missing or unscannable barcodes will prompt an amber warning light. The normal functions are set by the key-operated three-way switch which means that only key holders can operate the system. The system can be switched off for non-barcoded products.

Simple programming

Recording the barcode to be matched is very simple. The three-way switch is set to 'Learn' and the barcode is passed in front of the scanner. The barcode data is recorded automatically.

Matching

The switch is set to 'Run', and if subsequent barcodes are identical to the first one, the green light will switch on and stay on until the next product passes the scanner.

Mis-match

If the barcode being scanned does not match the stored barcode, the red light will switch on, and stay on until the switch is set to 'Reset'. A relay with isolated contacts will also be activated, and this may be used to **stop the conveyor** or activate an ejector arm.

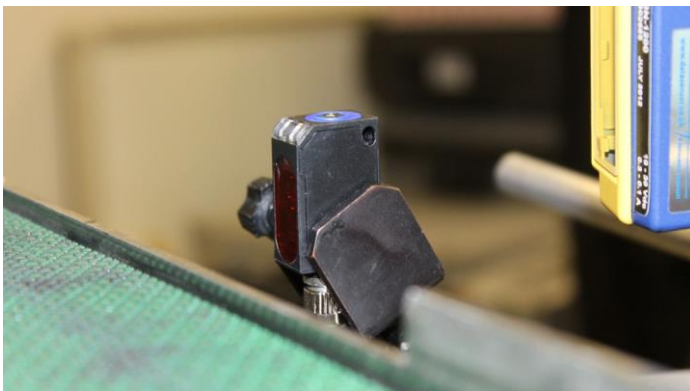
No-read

If a barcode is missing or unreadable (for whatever reason) the amber light will switch on and stay on until the next read cycle. After a programmable number of consecutive no-reads (usually five) both the amber and red lights will switch on and stay on until the switch is set to 'Reset'. The relay, as with mis-match, will also be activated.

Specifications

Dimensions: 300 mm x 200 mm x 150 mm (H x W x D)

Options: Steel or stainless-steel housing, additional hand scanner for learning master barcode, LED lights on front panel or as a stack of lights on top.



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As Identify Direct Ltd continually improves its products, the specifications and features explained here are subject to change without notice.