



Ident Code Inspector

- ▶ Compatible with all BD, DVD and CD formats
- ▶ Automatic Barcode Reading - no setting / no adjustment
- ▶ On-the-fly image catch
- ▶ Digital High Resolution Camera as standard (1 million pixel)
- ▶ Show-and-Go character reading
- ▶ Solidstate Strobe lighting
- ▶ Light intensity - fully automatic and software driven
- ▶ Barcodes: USS39, EAN128, Sony, Cinram, Technicolor
- ▶ Speeds up to 150 disc / min.
- ▶ Remote service via internet



Ident Code Inspector



The Ident Code Inspector system (ICI) is used to safeguard against mixed product at all stages of optical disc manufacturing. During replication, it protects against mixed product on twin liners.

A system placed at the printing stage is the most popular configuration; its function is to verify that the data on the disc matches the label being applied. In an effort to ensure that no mixed product arrives at the final customer, there has been a recent move towards inspecting at the packaging stage. This ensures that the correct disc is placed in the jewel box.

The system verifies disc identification codes by reading bar code and alphanumeric characters used in the disc's mirror band.

The Ident Code Inspector can be combined with the DaTARIUS Print Label Inspector. Operators can then verify the data on the disc match the label applied and the quality of the printed label.

The Ident Code Inspector can also be equipped with additional cameras. This option is specially designed for packaging machines packing more than 1 disc at the same time.

Inspector Ident Code: The system verifies disc identification codes by reading bar code and alphanumeric characters used in the disc's mirror band.

Barcode Reading: The most thorough form of verification is barcode reading. The Ident Code Inspector decodes the series of bars (into characters) on USS39 codes, Cinram CDROM barcode, Technicolor spec, Sony micro codes or codes EAN128, and then it compares them to the code entered at the beginning of the order.

Hardware: The Ident Code Inspector is comprised of a CPU and optical head(s). The system runs on the Microsoft Windows™ XP operating system, allowing users to customize it very quickly to their exact requirements, while maintaining the familiar look and feel of Microsoft Windows™. It has also been designed for integration with automated handling equipment. There is an option to connect to a host computer via a network, allowing new codes to be loaded and run-time statistics to be downloaded. Production statistics can be transferred via a network connection.

Key features:

Camera	Megapixel monochrome
Image format	1320 x 1024 pixels
Minimum barcode height width	1 mm / 0.15 mm
Minimum Character size	0.5 mm x 0.5 mm
Font Management	Comprehensive graphics tools to train and edit character sets.
Diagnostics	Graphical display to assist in diagnosing problems.
Additional Features	- Can read two barcodes for DVD-9. - Second camera for DVD-10 and two disc sets. - Barcode hand scanner for code entry. - Production statistics stored to database. - Real-time monitoring over a network.

System Requirements and Specifications

Vision Processor:

- Windows XP, Pentium based,
- SVGA 1024 x 768 pixels
- Touch screen



Digital I/O:

- 8 digital inputs (12-24 VDC),
- 8 digital outputs (12-24 VDC)

Cycle Time:

- 150 discs per minute

Mastering Format:

- Up to 10 different formats on any installation

Number of Cameras:

- Multiple camera support

External Ports:

- RS-232, firewire and USB
- Ethernet port



Illumination:

- White LEDs



Power Requirements:

- 115/230 VAC, 50/60 Hz, 5 amps (with supplied UPS)

Environment:

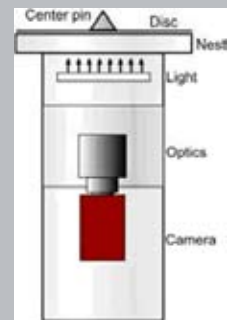
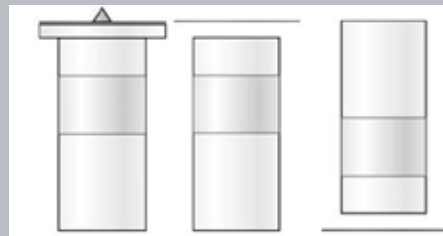
- Operating temperature: 10° - 40° C (50° - 104° F)
- Relative Humidity: 5 - 95% non-condensing

Optical Head:

- Various designs to fit in specific machines

Technical specifications:

- Height: 28.3 cm
- Diameter: 13.65 cm
- Weight: 3 kg



Technical specifications subject to change without notice



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