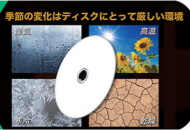


OPTODISC Testing Procedures

Elements



Forces of Nature

The biggest threats to optical discs are natural elements like high humidity, intense sun, freezing temperatures, and concentrated dryness

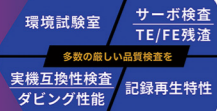
Scratch



Physical Damage

Specialized tools are used to scratch the disc's burning surface to ensure the integrity of the disc remains intact and the disc data is not jeopardized.

Results

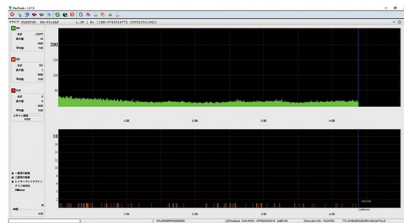


Test Procedures

Running tests to check the real time PPb, RSER, LDC/BIS, TE/FE, PI/PO, burn speed, amongst others, informs how well the disc will perform in a real-world environment.

CD CATS / DVD CATS / DVD expert / PlexTools

The accompanying graphic images represents the true results using these testing methods to confirm media authenticity and quality:



Archival



Accelerated Aging

Using an aging chamber, under the following settings; Temperatures: 90°C, Humidity: 80%, Time: 50 Hours, we can simulate an expedited aging process to confirm the media productions reliability.

Reliability



Playback Compatibility

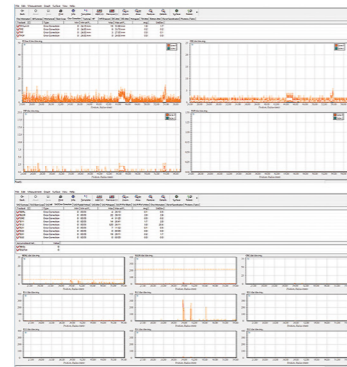
After performing scratch test, check the discs ability to accurately playback indicating how robust and tolerant the disc is to damage.

Testing



Testing Equipment

Using state of the art testing equipment allows the tester to ensure the highest accuracy and sustainability.



OPTODISC History

Optodisc is more than a brand; it encompasses and surpasses the technology and elements from many other popular brands of recordable optical disc media, currently on the market. Optodisc media are manufactured under a strict quality control process to ensure that each batch of discs offer the highest quality and reliability, as well as consistency across all batches. This ensures that every shipment of Optodisc manufactured recordable media will give the same performance and burning quality as previous orders. Optodisc media offers a superior printable surface for both inkjet and thermal printers, providing a more professional look and quality. Optodisc offers all this, at a very low price point, which can appeal to a wide range of media users and duplication customers.

OPTODISC Quality

Recordable optical discs have been available for more than 3 decades, but it doesn't mean that all optical discs are made the same. True optical disc manufacturers have to have a balance of using the authentic original materials and the expertise experience and know-how to turn those materials into a proper recordable optical disc. Don't just take our word for it, these professional testing hardware and software test results, shown on the previous page, provide all the proof you need to see the exceptional quality of the Optodisc manufactured recordable media lines.

OPTODISC Product



CD-R
Capacity: 700MB (80 min)
Speed: 2 ~ 52X



CD AUDIO
Capacity: 700MB (80 min)
Speed: 2 ~ 52X



DVD-R
Capacity: 4.7GB
Speed: 1 ~ 4X
Speed: 1 ~ 8X
Speed: 1 ~ 16X



DVD+R
Capacity: 4.7GB
Speed: 1 ~ 8X
Speed: 1 ~ 16X



DVD+R DL
Capacity: 8.5GB ~ 8.7GB
(depending on ODD)
Speed: 1 ~ 8X



BD-R
Capacity: 25GB
Speed: 1 ~ 6X



BD-R DL
Capacity: 50GB
Speed: 1 ~ 6X



BDXL
Capacity: 128GB
Speed: 1 ~ 4X

OPTODISC™

Contact us for more information

Website: www.optodisc.com



HIGH QUALITY DUPLICATION GRADE MEDIA

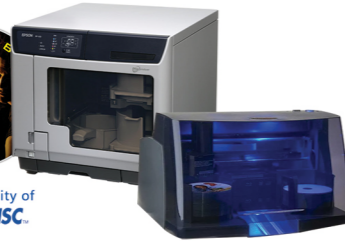


OPTODISC Printable Surface Types

Inkjet

Inkjet is the most common method for printing on optical discs, as it tends to be the most cost-effective application. Optodisc provides an entire range of CD, DVD, and Blu-ray inkjet printable media, which provide an attractive vibrant printable surface. Because Optodisc applies an extra clear inkjet printable coating, the full disc face from the center hub to the near extremity of the outside edge can be utilized when printing text or graphics.

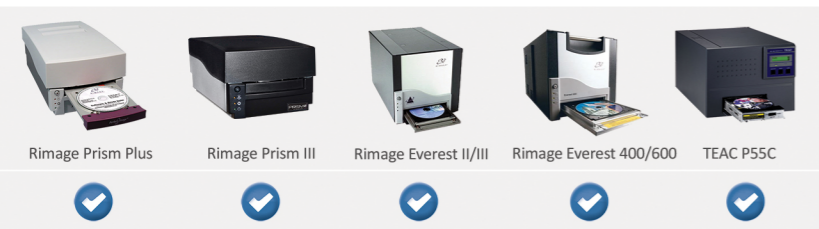
Optodisc's line of silver or white inkjet printable media works with virtually every brand and configuration of inkjet printers on the market.



Thermal

When printing on a disc, having the right printable surface can make all the difference in the world. This is especially true for thermal printable discs. Manufacturers of Optical Disc Thermal Printers, such as Rimage and TEAC, create excellent thermal printed images, but if you use a lesser quality media, the beauty of the printed image on the disc can peel or flake off because the media is not properly prepared for the high heat created by the thermal printers.

Optodisc offers silver and white thermal printable media that works with virtually every type and brand of Thermal printers, including Rimage and TEAC.



OPTODISC Marketplace

Medical

Optodisc provides top quality media for the medical market, where failure is not an option. These discs will ensure reliable burns with exceptional print quality where both are designed to last for many years.

Entertainment

When recording quality and playback reliability are key, Optodisc ensures our discs will be available to record and play video and audio content over and over again for customers to enjoy year after year.

Government

Security is critical when it comes to confidential files. Optical discs cannot be altered, deleted, or infected with viruses. Optodisc media meets the high level standards of every government branch to ensure quality and security.

Education

Educational institutions provide a wide range of classes that ensure the next generation can become the leaders of the future. Optodisc media offers the ability to record and playback those teaching tools and research that takes place across the educational spectrum around the world.

Finance

Financial records are very precise and the media it's stored on must also be precise, reliable, and available. Optodisc media can accurately record and playback content so that critical records can be available anytime.

Religion

Optical discs are the most cost effective way to disseminate digital content and often religious organizations want to spread their message but ensure they can get that content in as many hands as possible at an affordable price point, Optodisc meets those requirements.

Military

Optodisc media are designed to work under extreme conditions, as the military may need to burn or play discs in the field wherever they are under any circumstances. It's imperative the media works correctly every time.

Legal

Archival quality is key for legal documents that have to last and be easily recalled at a moments notice. Optodisc works to ensure that our discs can meet the long archival rigors when stored properly.

OPTODISC Media Surface Options



• Silver Top

Silver Lacquer CD-R (Metalized Hub)

Silver Lacquer DVD-R (Metalized Hub)

• Silver Inkjet

Silver Inkjet Printable (Metalized Hub)
Printable Surface Area: 23-118mm
Compatible with all known optical disc inkjet printers, including those from Primera, Microboards, Rimage, Epson and others.

• White Inkjet

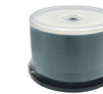
White Inkjet Printable (Metalized Hub)
Printable Surface Area: 23-118mm
Compatible with all known optical disc inkjet printers, including those from Primera, Microboards, Rimage, Epson and others

• White Thermal

White Thermal Printable (Metalized Hub)
Printable Surface Area: 23-118mm
Compatible with all known optical disc thermal printers, including full color and mono-color thermal printers from Rimage, Teac and others

OPTODISC Packaging Options

50 PCS CAKE BOX

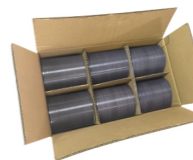


Unit: 1 carton box
Quantity: 600pcs
Unit: 1 pallet
Quantity: 27,000pcs

100 PCS CAKE BOX



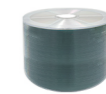
Unit: 1 carton box
Quantity: 600pcs
Unit: 1 pallet
Quantity: 27,000pcs



600 PCS Horizon Carton

Unit: 1 carton box
Quantity: 600pcs
Unit: 1 pallet
Quantity: 28,800pcs

50 PCS BULK



Unit: 1 carton box
Quantity: 600pcs
Unit: 1 pallet
Quantity: 30,000pcs

100 PCS BULK



Unit: 1 carton box
Quantity: 600pcs
Unit: 1 pallet
Quantity: 30,000pcs



600 PCS Vertical Carton

For 50/100pcs cake box
Unit: 1 carton box
Quantity: 600pcs
Unit: 1 pallet
Quantity: 27,000pcs

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