

# IMPRIMANTE TEAC CD DVD et BLU RAY

**Imprimante professionnelle  
de CD/DVD/Blu Ray**

**Meilleure imprimante au  
monde**

**Fonctionne seule ou avec  
chargeur automatique**

**3 types de ruban: couleur,  
monochrome, photo**

**Combinable à un  
chargeur automatique**

**Impressions  
photo-réalistes**



**TEAC P-55™**  
Automatic CD/DVD Printer

## **A propos de l'imprimante retransfert thermique TEAC P-55**

L'imprimante TEAC P-55 offre la meilleure qualité au monde en terme d'impression sur CD/DVD. Grâce à la technologie retransfert thermique composée de 4 rubans couleurs CMYK ainsi qu'à une résolution d'impression de 400 dpi, vos CD/DVD sont brillants et photo-réalistes. Le rendu est impeccable et les couleurs sont éclatantes.

Avec TEAC P-55, vous pourrez produire jusqu'à 1000 CD/DVD monochromes et 500 CD/DVD par ruban.

Les disques imprimés avec l'imprimante TEAC P-55 sont résistants aux rayures et à l'eau, et protégés contre les rayons UV.

## **Gagner du temps et de l'argent**

L'impression offset donne de très beaux résultats. Cependant cette méthode impose des délais assez longs et ce vaut, en terme de prix, qu'à partir de 1.000 exemplaires. Elle n'est pas adaptée à la production "juste à temps".

L'imprimante retransfert-thermique TEAC P-55 offre un excellent rapport qualité-prix et vous épargne jusqu'à 30% de frais.

## **Resultats**

La nouvelle imprimante TEAC P-55 : la solution économique pour une production de qualité et des impressions professionnelles.

N'hésitez pas, commandez dès aujourd'hui des échantillons et laissez-vous convaincre !

**CDM**

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## What Thermal Printing Means to Your Bottom Line...

**The REAL Facts.** Is it really true that inkjet printing is actually cheaper than thermal printing? Why would you want to even consider to offer thermal printing to your customers as an alternative or complement to inkjet printing?

The following summarizes the key facts you need to know and the advantages that thermal printing offers to your customers:

### Key Printing Obstacles That Occur...

#### IMAGE QUALITY

Photo-realistic images are only achievable with thermal printing. They are even sharper than replicated prints.



thermal sample



inkjet sample

#### QUANTITY/QUALITY CONSISTENCY

You have experienced inconsistent print-quality with inkjet printing. Print quality will look different based on how much ink remains in any of the cartridges. With thermal printing, each ribbon contains enough pigment to print 500 discs. Each print is identical.



inkjet print #20...



...print #200



...print #475

#### DRY TIME

Inkjet-printed media could take a few minutes to dry. But inks stay wet around the outside edge and on the inner hub due to surface finish characteristics of all discs. This leads to ink "smearing and smudging" caused by handling of un-dried discs. Thermal prints are never wet to have to dry! Thermal technology eliminates dry time.

#### INDELIBILITY

Inkjet prints will easily scratch, fade, run and smudge. This will never happen with thermal prints.



### Dye-Sublimation Thermal Printing

*Highest Print  
Quality in the  
Industry*

*Consistent*

*Instantly with  
No Mess*

*Won't Scratch,  
Fade, Run or  
Smudge and is  
Water-proof*

### Inkjet Printing

*Average Quality  
Depending on  
Media Quality*

*Inconsistent*

*Varies / can get  
very Messy*

*Will Scratch,  
Fade, Run or  
Smudge and is  
NOT water-proof*

# Printing Problems that occur...

## COST/SAVINGS

It is difficult to forecast inkjet print-output since ribbon/ink output could vary from job to job. You might save initially on the cost of the printer, but incur more future costs with inefficient inkjet cartridge replacement...and related job 're-runs'. With thermal printing you can get 500 prints per ribbon, GUARANTEED.

## COLOR SHIFT

Color shifting occurs when one of the three colors in a cartridge runs out. This causes overall color accuracy to 'shift' in the middle of a run. With thermal printing, there is absolutely no color shifting.



## BANDING

Inkjet Printing can create visible horizontal lines ('bands') across the disc as ink runs out. Banding happens generally with larger jobs that are set up to run unattended. What is your REAL cost-per-print when you have to throw out 20 bad discs?....repeatedly?! With thermal printing, 500 identical discs-per-ribbon is ASSURED, so you can truly use the printer unattended.



## EDGE-TO-EDGE PRINTING

Inkjet printer can not print to the edge of the disc. Due to non-printable characteristic of the edges of an inkjet disc, over-run ink never dries and smears when touched. Thermal printing prints edge-to-edge.



thermal sample



inkjet sample

*Dye-Sublimation  
Thermal Printing*

*Inkjet Printing*

*Fixed Costs*

*Variable - Not so  
easy to Forecast*

*NO Color Shifts*

*Color Shifting  
will occur*

*NO Banding*

*Varies / can get  
very Messy*

*Will Print  
Edge-to-Edge*

*Cannot Print  
Edge-to-Edge*



## Introducing | **NEW! TEAC P-55C**

World's Highest Image Quality Dye-Sublimation Disc Printer

**Model: P-55C-210**

### Exclusive Features:

- World's only **"Dye-Sublimation"** Thermal Retransfer Disc Printer.
- Highest Image Quality Disc Printer.
- Prints the Smoothest Gradients.
- Fastest Print Speeds, up to 68 discs per hour.
- The Only Four-color CMYK Ribbon Technology with **"True Black."**
- Exclusive VersaMax Ribbon Provides Widest Media Compatibility.
- No Need for Media Kits.
- Center-Hub Disc Positioning for Better **"Disc-Handling."**
- Most Widely Supported by 3rd Party Robotic Manufacturers.
- Black Ribbon Features 256 Shades of Grey.
- **NEW!** "Quiet Operation" Technology.
- Special Version of P-55C (P-55B-ST) Prints Directly on USB Flash Drives.

TEAC's new **P-55C** thermal printer changes the standards for image resolution, quality and print speeds. TEAC P-55C is the world's only dye-sublimation thermal retransfer disc printer providing the world's highest image quality and fastest print speeds in its product class. It is also the only four-color CMYK (Cyan, Magenta, Yellow, Black) thermal printer with "True Black".

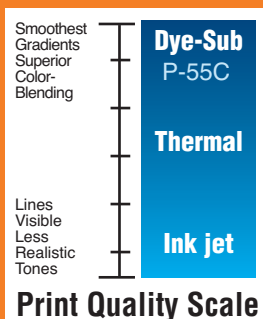
TEAC's exclusive VersaMax ribbon for P-55C provides the widest media compatibility. There is no need for media kits anymore. If you have a favorite media, you may choose to print on the same media!

TEAC's P-55C printer holds the disc from the center hub therefore providing the most accurate disc-handling. TEAC has been in the optical business for over twenty years. This experience alone gives us the expertise to make the best and the most accurate technology for disc-handling.

TEAC P-55C is the most widely supported printer by 3rd party robotic manufacturers.

### ***Dye-sublimation is Key, plus...***

- Produces the sharpest photo-quality images and skin tones
- Superior Color-Blending
- Smoothest Gradients



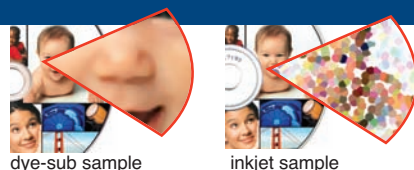
TEAC

[www.teac.com/DSPD](http://www.teac.com/DSPD)

## Why Dye-Sublimation Technology?

### Image Quality

Photo realistic images are achievable with Dye-sublimation technology. TEAC P-55C is the only dye-sublimation thermal printer available.



dye-sub sample

inkjet sample



### Print Consistency (Quality & Quantity)

Each ribbon can print 500 discs. Each print is identical. All Teac ribbons have fixed yields which will result in predictable cost per print and predictable print outputs.

### Indelibility

No scratching, fading, running or smudging!

UV Protected & Waterproof too!



### Color Shift

With thermal printing there is no color shifting. Color shifting occurs in inkjet technology when one of the colors in a cartridge runs out. This causes overall color accuracy to shift in the middle of a run.

### Banding

With thermal printing, there is no banding problem. Inkjet printing can create visible horizontal lines ('bands') across the disc as ink runs out. Banding happens generally with larger jobs that are set up to run unattended.



dye-sub sample

inkjet sample

### Edge-to-Edge Printing

TEAC P-55C is able to print from the outer edge to the inner Hub, taking full advantage of the media surface. With Inkjet printing edge-to-edge printing can not be done.

## Advantages to dye-sublimation printing are very clear...

...the fixed cost per disc, the prints are professional, consistent looking, and permanent, **plus**, they are durable, scratch, waterproof and fade-proof with UV protection. Dye-sublimation is clearly the winner.

### Printer Specifications

|                                      |   |
|--------------------------------------|---|
| <b>Model:</b>                        | P-55C-210   |
| <b>Printing Method:</b>              | Dye-Sublimation, Thermal Retransfer Technology  |
| <b>Media:</b>                        | 12cm and 8cm CD/DVD Discs   |
| <b>Ribbon Capacity / PrintSpeed:</b> | <b>Versamax:</b> 500 prints/ribbon / 68 discs per hour<br><b>Color:</b> 500 prints/ribbon / 68 discs per hour<br><b>Photo:</b> 500 prints/ribbon / 58 discs per hour<br><b>Black:</b> 2000 prints/ribbon / 104 discs per hour |
| <b>Print Resolution:</b>             | 400 dpi   |
| <b>Interface:</b>                    | USB 2.0 & IEEE 1284 ECP   |
| <b>Printer Driver:</b>               | Windows VISTA/XP, Linux Fedora 9, 32-bit  |
| <b>Power Voltage:</b>                | 100-240Vac<br>50-60Hz (manual switch)   |
| <b>Power Consumption:</b>            | 500W or less  |
| <b>Dimensions:</b>                   | 11.875"(W) x 9.5"(H) x 16"(D)   |
| <b>Weight:</b>                       | 48.5lbs   |

## What Will Change Your Bottom Line?

No need for media kits...

...print directly on your favorite media!

### • VERSAMAX Ribbon

Our exclusive VersaMax ribbon offers you more media options to print on. VersaMax allows printing on most media available in the market. Increasing your media choices gives you more options to reduce your overall cost of printed discs. Plus, with VersaMax, there is no need to buy costly media kits anymore!



### The Result:

- More media options
- Lowest costs per printed disc
- Highest yield in the industry

VersaMax Ribbon adds the proprietary adhesive layer to the existing CMY panels. This panel makes it possible to print on the widest range of media discs available in the industry today.

### • TEAC P-55C, featuring 4 ribbons for various applications:

#### Photo



Dye-sublimation, for the sharpest color blended images.

#### Color



Four-color CMYK printing with "True-Black"

#### VersaMax



High-resolution color printing with media flexibility, for lowest cost per printed disc

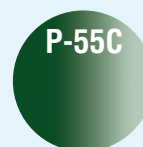
#### Black & White



256 shades of grey for high-resolution black & white printing.

## Plus, it's all in the GRADATION...

TEAC P-55C prints the SMOOTHEST GRADIENTS!



P-55C



others

### • USB Flash Drive Printing

#### P-55B-ST

Special version of the P-55C printer, the P-55B-ST is the only thermal dye-sublimation printer that can print directly on USB flash drives.



### • 8cm Disc Printing

## LEASE-to-Own and Extended Warranty Programs Available

TEAC also offers a simple "Lease-to-own" program and a variety of warranty upgrades and post-warranty upgrade programs for worry-free maintenance.



## Request a sample of YOUR artwork today!

Call us today to request a free printed sample of **YOUR** artwork so you can see for yourself why the P-55C prints the best image possible!