

Emprint™

Emprint™ combines HP color Inkjet printing and Tiger® — the world's most advanced paper embossing technology.

Printed documents appear visually-identical to those from HP Inkjet printers. Emprint™ also impacts the paper so printed features are raised for touch.

Emprint™ literally adds another dimension to your printed documents, using the same paper and ink cartridges as an HP Inkjet printer.

Make your own Haptic Color prints from any Windows® 2000/XP file that prints on an HP Inkjet printer.



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Inkjet
Technology by



&



Emprint™

Specifications:

Print speed:

- 2 pages / minute emboss only
- 3 pages / minute ink only
- 1.4 pages / minute ink & emboss

Ink printing resolution: 300 dpi

Ink print quality: best, normal, draft

Emboss printing resolution: 20 dpi

Embossed braille dots: heavy, normal, light

Embossed 3D dots: 7 grades

Replacement cartridges:

- C6656A Hewlett Packard Type 56 black
- C6657A Hewlett Packard Type 57 tri-color
- C6658A Hewlett Packard Type 58 photo color

Paper Sizes:

A4, US Letter (8.5" x 11"), Legal (8.5" x 14")

Weights:

Envelopes 20 to 24 lb, banner 16 to 24 lb,
Card stock up to 110 lb, photo paper up to 130 lb.

Paper handling:

150 sheet input tray (copy paper),
60 sheet input tray (braille paper or card
stock), up to 20 envelopes, labels or banners

Connectivity: 1 USB (1.1, 2.0)

Compatibility:

Windows 2000, Windows XP Home,
Windows XP Professional, Windows
2003 Server, Windows Tablet PC

Dimensions:

H 170 x W 596 x L 337 mm

H 6.7 x W 23.4 x L 13.3 in.

Weight: 11 kg (24.4 lb)

Operating environment:

- recommended operating room:
59 to 95 °F (15 to 35 °C)
- Storage temperature:
40 to 150 °F (-40 to 70 °C)
- Recommended humidity range:
20 to 80% RH (taken from HP product specs)

Power requirements:

100 - 240 VAC (+/- 10%), 50/60 Hz (+/- 3%)

Power consumption:

- Stand-by 21 Watts
- Average ink printing 26 Watts
- Average embossing 64 Watts
- Heavy embossing 110 Watts

Haptic Color Printing

Studies in neurophysiology tell us that physical experience create especially strong neural pathways in the brain. Beyond vision alone, using the haptic (touch) sensory modality engages the two hemispheres of the brain simultaneously—assuring we retain information in long-term memory.

The haptic modality is the most active and interactive of all the senses, and unlike the visual or auditory modalities, it is bi-directional. Everyone learns better through haptic interaction with materials.

People with learning disabilities are often limited to a single learning style and have great difficulty processing new concepts without tactile/kinesthetic activities. In certain cases, children cannot learn to count without touching the objects they are counting. Blind people also need haptic prints to have any access to graphic information at all.

Printing with Haptic Color assures that everyone can make use of the materials you create.

Use IVEO™ with Emprint™ and get interactive audio feedback for your Haptic Color prints.

Combining all three learning modalities (audio, visual, and tactile/kinesthetic) everyone can read better with Emprint™ and IVEO™ together.

