



VP 650

Powered by
memjet.

FAST • ON-DEMAND • IMPROVED WATER RESISTANT

The VP650 by VIPColor is the next generation of digital print-on-demand colour label printer with Enhanced Water Resistance Print Technology¹



Building on the proven technology of our bestselling VP700, it utilises Enhanced Water Resistance Print Technology¹ that produces vibrant coloured labels. The result is great looking colour labels that are suitable for Chilled Food & Beverage, Animal Care, Cleaning products, Chemicals, Pharmaceutical products and most moisture exposed products.

The VP650 combines the performance and reliability of VIPColor VP700 industrial colour label printers, with the new improved inks system that gives better water (and many solvent) resistant labels, compared to other dye ink printers and longer lasting printhead versus first generation of Memjet printers. Ruggedly designed yet intuitive for in-house label production and private labelling needs, the VP650 brings fast, affordable colour printing to any print environment.

Enhanced Water Resistance
Print Technology

Key Benefits

Digital
colour label
printer

Up to 12 m/min
print speed

Up to
1600x1600 dpi
resolution

Ruggedized for
industrial usage

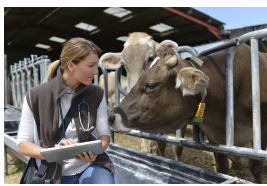
Efficient and
Affordable

Compact design

Key Markets



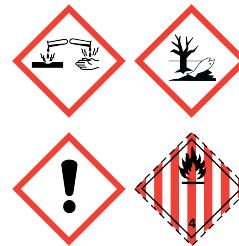
Refrigerated Food
& Beverage



Animal Care &
Veterinary products



Home Care &
Cleaning products



GHS & Chemical
products



Pharmaceutical
products, Body care
& Medical Tests

Reduce the complexity, avoid obsolete
labels, save time and money.

WITH VP650 LABEL PRINTER



- Order only blank label stock of different sizes.
- Receive and do minimal inspection.



- Inventoried in less storage shelf space.
- Easier to locate label stock.



- Reduces reloading of label stock and utilizes one printer only.



- Print on demand and change label design within minutes.

**VIP
COLOR**

*For Memjet™ ink compatible label stock, we strongly recommend that the user perform a print check for compatibility before using the label stock for production, follow the recommendations from the manufacturer and the optimal printer settings. Compatible with synthetic and paper based label. However, the user is advised to conduct their own tests for compatibility prior to mass production.

PERFORMANCE

Print speed	Up to 203 mm per second (12 m/minute, or 8 ips)
Print resolution	Up to 1600 x 1600 dpi
Data connectivity	USB 2.0 ; Ethernet 10/100Base-T ; GPIO
Ink	Enhanced Water Resistant Inks in individual 200 ml CYMCK ink cartridges
Power supply	Universal internal power supply
Barcode PQ	1D barcode at least Grade B (Code 39) with 10mils bar width 2D barcode at least Grade B (PDF417) with 10mils cell size

MEDIA HANDLING

Print modes	Roll-Roll, Roll-Cut, Print & Hold (non-peel)
Label media width	50,8 - 215,9 mm (2" - 8,5")
Max. label length	Up to 1,016 m (40")
Label media thickness	0,1 - 0,3 mm
Supported media	Glossy , Semi-Gloss and matt inkjet coated media
Qualified label stocks	Please refer to media compatibility list of VIPColor printers
Detection	Gap, continuous, black mark

OPERATING ENVIRONMENT

Operation	15 to 35°C at RH 20-80%
Storage	-5 to 50°C

REGULATORY & SAFETY

Standards / Approvals	CE (Europe), FCC Part 15, Subpart B, Class A (US) EC 60950-1 Compliance (International), cULus (US/Canada)
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USABILITY & SERVICEABILITY

User interface	Embedded web server Backlit LCD control panel in 9 languages LED for printer warnings & readiness indication Unobstructed accessibility to service bays for print-head and ink tanks
Aesthetics	Designed for ease of setup, troubleshooting and servicing Metallic casing with industrial grade ruggedness
Printer driver compatibility	Microsoft® Windows 7/ Windows10 (32 / 64 bits); Windows Server 2003/2008 R2/2012 (32/64 bits)
Supported network protocol	TCP/IP (Static IP or DHCP Auto)
Acoustics	Sound pressure level less than 60dBA (both operator / bystander position)

ACCESSORIES & OTHERS

Built-in accessories	External un-winder as standard for up to 150mm (6") OD label roll with 76 mm (3") core. Built-in automatic cutter
Options	Enhanced Unwinder 250mm OD (8"), with switch to change rotary sense and speed control
Product size	510 x 285 x 385 mm (20.1" x 11.2" x 15.2")
Weight (printer only)	30 kg (66 lbs)
Warranty	1 year limited warranty or 5M inches - whichever comes first

SHIPPED

Included items	Printer with external un-winder (150mm), printhead and CMYKK ink cartridges.
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Note:
 • Barcode PQ is dependent on label media compatibility with the ink.
 • Limited warranty does not include consumables, ink supplies and printhead.
 * Windows is a registered trademark of Microsoft Corporation in the United States and other countries.

Printer Overview

The VP650 supports all major Microsoft Windows based label and graphics design applications like



Angled backlit LCD

Large 200ml ink cartridges

Easy access to print engine & ink cartridge bays

- 215,9 mm (8.5") print width
- Up to 1600 x 1600 dpi
- Supports Roll-Roll, Roll-Cut, Print-Hold & Fan-Fold modes
- Fast Time-to-First Label < 10s
- Automatic cutter
- Remote access via Embedded Web Server

External Un-winder for 6" OD roll

- Ethernet 10/100Base-T
- USB 2.0
- Power Input

All connection ports are neatly designed and well placed at the back panel

More information at:
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