

Seiko Instruments GmbH



信·精

Trust and Precision

## SPECIFICATION

Model	IP-6620 (ColorPainter M-64s)
Print head	High frequency drop on demand piezo
Number of nozzles	508 nozzles/head
Maximum resolution	900 dpi
Minimum media width	1,626 mm (64")
Maximum print width	1,616 mm (63.6")
Maximum printing speed	66.5 smph, 716 sfph
Media weight	Up to 50 kg (110 lbs)
Maximum media diameter	220 mm (8.7")
Margine size	5 mm (1/5") on each edge (with rolled media, without edge guards)
Ink type	High performance eco-solvent: SX
Color	6 (C, M, Y, K, Lc, Lm) or 7 (C, M, Y, K, Lc, Lm, Gy)
Maximum ink capacity	1.5 liter per color
Media	PVC, Banner and other media designed for solvent printers.
Heater	3-way built-in heaters (pre, print, after)
Take-up modes	Loose/outer, Tension/inner, Tension/outer
Interface	USB 2.0
Power source	200 to 240 VAC, 12 A, 50 Hz/60 Hz
Power consumption	2,880 W or less
Operating environment	15–30 °C (59–86 °F), 30–70 % RH (no condensation)
Storage environment	5–35 °C (41–95 °F), 10–80 % RH (no condensation)
External dimensions	3,095 (W) x 935 (D) x 1,247 (H) mm, (122" x 37" x 49")
Weight	321 kg (708 lbs) or less without media and inks



## OPTIONS

### CUTTER UNIT

Manual cutter with the convenient media clips for quick and accurate media cutting

### EXHAUST ATTACHMENT

To connect an air purification system

### 2" FLANGE

Media flanges to hold media with a 2" core

## INK

### SX INK



a high performance eco-solvent ink which offers high-speed printing, outstanding image quality, low odor and 3 years of outdoor durability\* without lamination.

\* Outdoor durability is based on the results of Seiko Infotech's accelerated weathering test, and may be changed by environment. SIIT does not guarantee outdoor durability.

Specifications are subject to change without notice. Please contact your authorized speciality retailer. ColorPainter is a trademark of Seiko Infotech Inc. All other trademarks are the property of their respective owners.



Seiko Instruments GmbH  
Siemensstraße 9  
D-63263 Neu-Isenburg, Germany  
Phone +49 6102 297 100  
Fax +49 6102 297 50 100  
info@seiko-instruments.de  
www.seiko-instruments.de



**SEIKO**  
SEIKO HOLDINGS GROUP



## FAST – PRECISE – RELIABLE

### SPEED AND FLEXIBILITY

#### UNMATCHED PRODUCTIVITY

With its top speed of up to 66.5 m<sup>2</sup>/h and its excellent image quality on PVC even at 33.1 m<sup>2</sup>/h, this printer was developed specifically to address the growing demand for high productivity in the outdoor signage and indoor graphics markets.

#### ECO-SOLVENT LOW ODOR INK FOR HIGH-SPEED PRINTING

Low odor eco-solvent SX ink offers high-speed printing and outstanding image quality. 7-color model allows to use additional Gray. The addition of Gray assures real monochrome printing without color shift and offers smoother gradation in color prints.

#### DYNAMIC DOT PRINTING TECHNOLOGY

DDP controls and optimizes dot size and dot density to make consistently rich bold glossy colors with fine details. DDP also facilitates high density printing without any speed loss. This is ideal for backlighting application.

#### SMART PASS TECHNOLOGY 4 (SP4)

The new dot control algorithm of SP4 controls ink flow and mixing to generate the ideal dot size for each print - resulting in a superior quality image. This makes the printer perfect for both, high-quality indoor and long-life outdoor applications and effectively eliminates banding without any loss in quality.

### EASY AND RELIABLE

#### SMART NOZZLE MAPPING 2 (SNM2)

A new dot control algorithm has upgraded the performance of the Smart Nozzle Mapping function, hiding missing dots better when nozzle clogging occurs.

#### CP\_MANAGER

By using the included CP\_Manager printer control software you can receive error messages, warning messages and printing status. You can also send commands to get printer status report, control heater, clean head etc. through your smartphone via Twitter™\*.

\* Twitter is a trademark of Twitter, Inc.





*Fast. Precise. Reliable.*

## M-64s

### NEW FEATURES

#### **PRINT HEAD WITH NOZZLE GUARD PLATE**

Industrial high-frequency grayscale print heads of captive production assure unmatched high speed printing. 508 nozzles per head are protected against mechanical damage through difficult, stiff or heat-sensitive material by an additional nozzle guard. Easy installation of the print head by a „one click“-system.

#### **AUTOMATIC PRINT ADJUSTMENT**

Printer calibrations (media feeding and bi-directional adjustment) can now be done automatically in just a few steps, allowing anyone to get excellent print results easily.

#### **ON-CARRIAGE IONIZER**

The on-carriage ionizer neutralizes static electricity on the media, reducing static-related print issues - even in low humidity environments. It helps to keep printing consistent all year around.

#### **AIR FLOW SYSTEM**

The newly developed Air Flow System (without carriage fans) keeps the inside of the printer clean and dries the ink fast.

#### **DRYER**

A long heater accelerates the drying of the ink. In combination with the air flow system this assures a safe winding at the take-up unit in all print modes.

#### **MEDIA TAKE-UP UNIT**

A high torque winder takes the media up to the end of the roll. Up to 50 kg of media can be handled. „Roll to roll“ printing of a complete roll of banner at the full width is possible.

#### **MEDIA LIFTER**

Easy media loading and unloading at take up and feeding side even with 64 inch banner.

#### **SUB TANKS**

Integrated sub tanks for each color guarantee continuous printing even while changing the empty cartridge and assures that the ink bag empties completely.

#### **WARRANTY**

We provide a warranty of 2 years on hardware and print heads, without any nozzle shot restriction.

