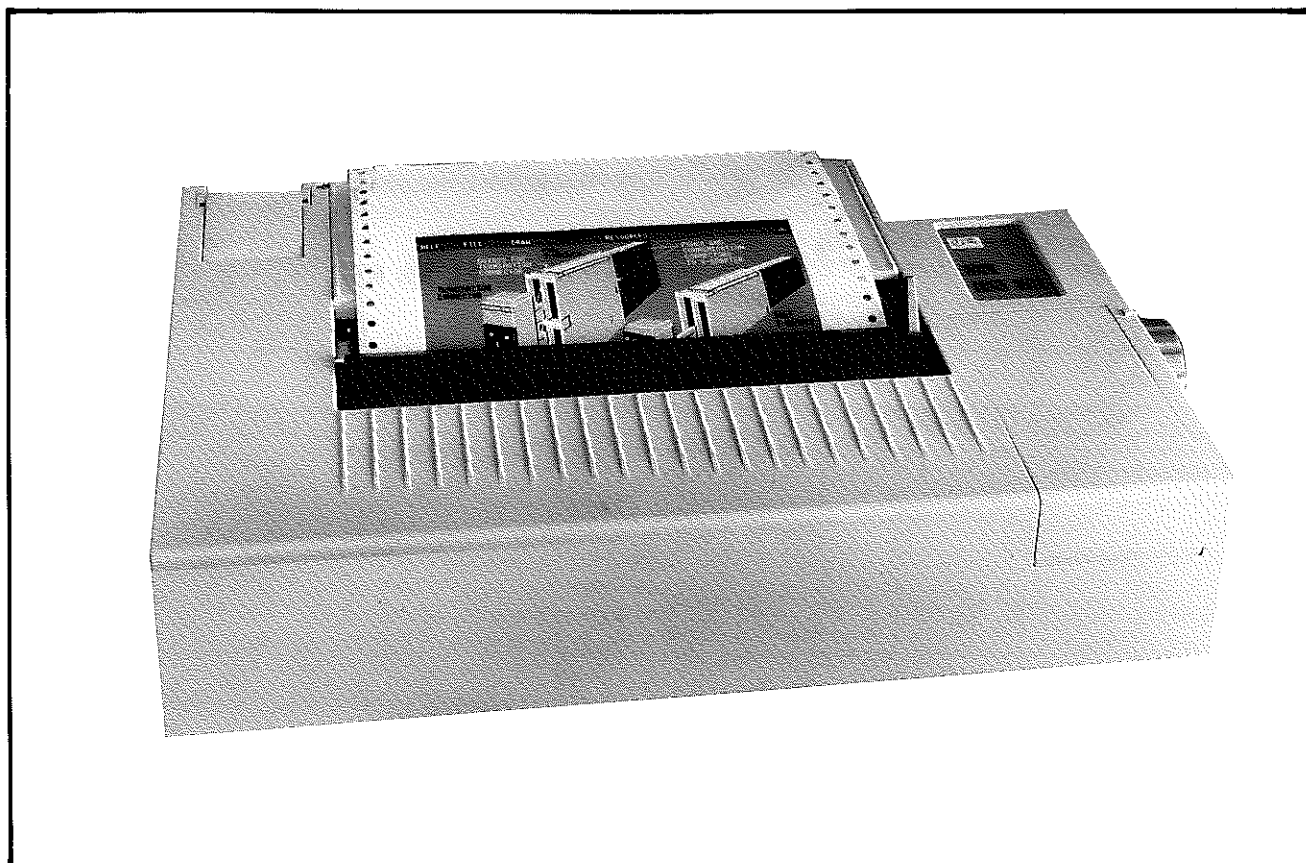


Intelligent Automation Series Color Ink-Jet Printer

Cancelled Per SWX 314



The Color Ink-Jet Printer provides high-quality workstation display color imaging on paper or overhead transparencies for a permanent record of plant/process variables, conditions, and events.

High Performance

The Color Ink-Jet Printer provides high-resolution multi-color printing sourced from Workstation Processor 20's or PC-AT's. It can also be used for general purpose printing of alarms and logs, and is preferred in applications where quietness of operation is desired. Displays can be printed on standard printer paper or, for highest-quality results, on paper especially designed for use with the Color Ink-Jet Printer. Displays may also be copied from a CRT display to an overhead transparency. Print cartridges are clean, easy, and fast to install, and long-lived. An optional table-top printer stand provides convenient mounting while ensuring a smooth paper feed.

Operation

The menu bar selection feature of Workstation Processor 20 or PC-AT is used to request display copies. When a display copy is requested, the screen image is "captured" into a buffer in either a Communications Processor 10 or within the PC-AT. As many as four Workstation Processor 20 or PC-AT images from multiple locations may be buffered concurrently in a given Communications Processor 10 or PC-AT for color printing. The quantity is determined by the complexity of the displays.

Color Ink-Jet Printer activity occurs independently of normal display operation. As a result, the operator can access new displays at any time, including the image capture time. This access is especially important when an alarm condition occurs at the same time a display is being copied, since it allows the operator to abort that display copy in favor of a new display that is more relevant to the alarm condition.

FUNCTIONAL SPECIFICATIONS

Print Characteristics

PRINT METHOD

COLORS

IMAGE CAPTURE TIME

PRINT SPEED (Text)

Graphics on Paper

Graphics on Transparency

CHARACTERS

GRAPHIC RESOLUTION

Thermal ink jet drop-on-demand

Up to 16 at a time from palette of 330

Less than 10 seconds for full Workstation Processor 20 or PC-AT color image

167 NLQ characters per second

Less than 3 minutes for full Workstation Processor 20 or PC-AT color image

Less than 15 minutes for full Workstation Processor 20 or PC-AT color image

80 characters per line at 10 characters per inch

180 x 180 dots per inch

Ink-Jet Printing Mechanism

PRINTING MECHANISM

CARTRIDGE LIFETIME

Black

Color

Two disposable print cartridges: one black, one tricolor

1100 text pages (approximately 1.1 million characters)

180 pages of color graphics (with typical use of solid area fill) or

160 overhead transparencies

Data Transmission

RATE

INTERFACE

9600 baud

Serial, asynchronous RS-232-C for Communications Processor 10 applications

Parallel, for PC-AT applications

Paper

TYPE

WIDTH

Z-fold

Cut Sheet

Z-fold and Cut Sheet; uses either standard stock for draft quality, or Color Ink-Jet Printer paper for most brilliant colors and contrast

216 x 279 mm (8.5 x 11 in)

ISO A4/8.5 x 11 inch

FUNCTIONAL SPECIFICATIONS (Cont.)

Environmental Factors

OPERATING TEMPERATURE	15 to 30°C (59 to 86°F)
STORAGE TEMPERATURE	-40 to +70°C (-40 to +158°F)
OPERATING RELATIVE HUMIDITY	20 to 80% for paper; 20 to 70% for transparency film
ACOUSTIC NOISE	Less than 50 dBa

Power Requirements

LINE VOLTAGE	100, 120, 220, 240 V ac, $\pm 10\%$ (power module selectable)
LINE FREQUENCY	48 to 66 Hz
POWER CONSUMPTION	28 VA

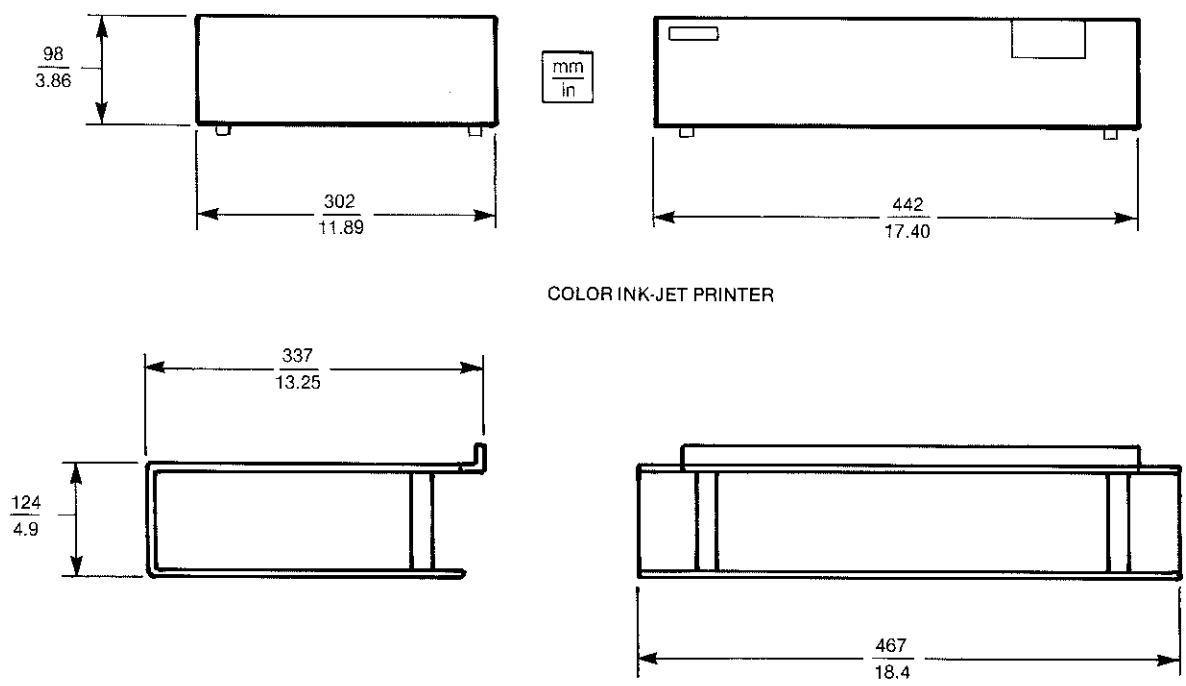
PHYSICAL SPECIFICATIONS

Mass	5 kg (11 lb)
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Mounting	Desk or table with or without optional stand
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Controls/Indicators

CONTROLS	Power On/Off, Top of Form, Line Feed, Form Feed
INDICATORS	Power, Attention



COLOR INK-JET PRINTER

OPTIONAL STAND FOR MOUNTING COLOR INK-JET PRINTER

Dimensions—Nominal