DataMetrics™

MODEL 3100 RUGGED COLOR INKJET PRINTER

*Previously Model #1960 C

DataMetrics Corporation
45 YEARS
1962 - 2007

Standard Front

Optional "Flush Front"

Key Features

- *"Flush Front"* Version Available
- High Speed 36 PPM
- 4800 X 1200 dpi Output
- Military and Industrial Grades Available
- Tabletop or Rack Mount
- Rugged Design for Harsh Environments
- Meets MIL-STD-461C for EMI
- Multiple Interfaces Available Including USB, Ethernet, and IEEE1284 Parallel Port
- AC or DC Power Inputs Available
- Quiet Operation

Model 3100 Rugged Color Inkjet Printer

The 3100 is a lightweight, quiet, color, Windows-compatible ink jet printer. This ink jet technology is packaged in a "ruggedized", all-aluminum, .125 inch thick, corrosive-resistant enclosure engineered to withstand a wide range of severe environmental applications.

The Model 3100 was specifically designed to be adaptable to airborne, shipboard, mobile, and sheltered applications, and is configurable for rack-mounting. This model is also available in a "Flush Front" version with foldable handles, flat power switch, and a completely flat front door.

The Model 3100 holds up to 150 sheets for letter, legal, A4, and A5 sheet sizes and provides up to 27 pages per minute in color and 36 pages in black, at 4800x1200dpi photo-quality resolution. In addition, the 3100 is a unique Commercial Off The Shelf (COTS) product that can be configured to customer-specific electrical and mechanical interface - without the need for expensive non-recurring engineering.

Fully Mission Capable™

ISO 9001 REGISTERED FIRM

Environmental Characteristics

Temperature - Operating . . . . .-20ºC to 50ºC
Temperature - Storage. . . . . .-40ºC to 85ºC
Humidity. . . . . .10 to 95%, RH non-condensing
Vibration . . . . .0.01 G^2/Hz at 10-2000Hz (4.5 GRMS)
Shock - Non-operating. 20g/11ms
Altitude - Operating . . . . .15,000 ft.
Altitude - Non-operating. . . . .40,000 ft.
EMI/EMC . . . . .MIL-STD-461C, Method CE03, CS01, CS02,
                              CS06, RE02, RS02, RS03
Salt Atmosphere . . . . .Only non-corrosive materials are used.

Performance Characteristics

Resolution . . . . .Black – 1200 x 1200 dpi
                              Color – 4800 x 1200 dpi
Print Speed . . . . .36 ppm Black; 27 ppm Color
Media. . . . . .Sheet fed: 150 sheets
                              (Letter, Legal, A4, A5, Executive)
Duty Cycle . . . . .5000 pages per/month
Memory . . . . .32 MB built in RAM

Electrical Characteristics

Power Input - Standard. . . . . .96 - 246 Vac, 50/60/400 Hz
Power Input - Optional . . . . . . .20 - 32 Vdc
Interface - Standard . . . . .USB 2.0 port and 10/100 BaseT Ethernet Port
Interface - Optional . . . . .Ethernet 10Base2; IEEE 1284 Parellel Port
Power Consumption . . . . . . .60W Max when printing

Physical Characteristics

Size . . . . .8.72″ H x 19″ W x 18.35″ D (with handles)
Size - Flush Front . . . . .8.72″ H x 19″ W x 19.5″ D
Weight . . . . .27 lbs. (Less Slides)

Ordering Information

| Part Number	Description
3100-0000-100-P005	Inkjet Printer, Tabletop, Semi Gloss Gray Smooth Texture Paint
3100-0100-100-P005	Inkjet Printer, Rack Mount, Semi Gloss Gray Smooth Texture Paint
3100-1000-100-P005	"Flush Front" Inkjet Printer, Tabletop, Semi Gloss Gray Smooth Texture Paint
3100-1100-100-P005	"Flush Front" Inkjet Printer, Rack Mount, Semi Gloss Gray Smooth Texture Paint
Standard Configuration 3100-0000-P005. Contact DataMetrics for other options and custom configurations.	

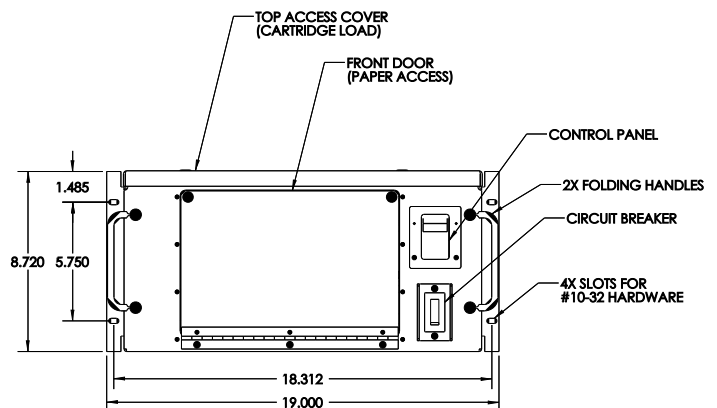Technical Specifications are subject to change without prior notice.
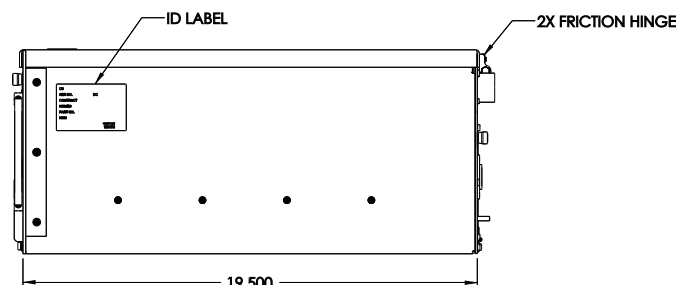
Front View - Standard Front
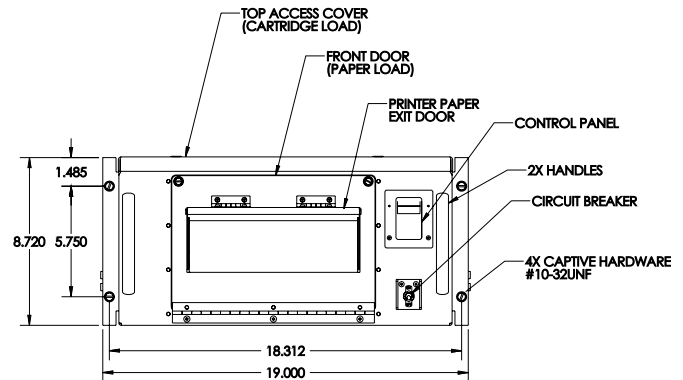
Side View - Standard Front
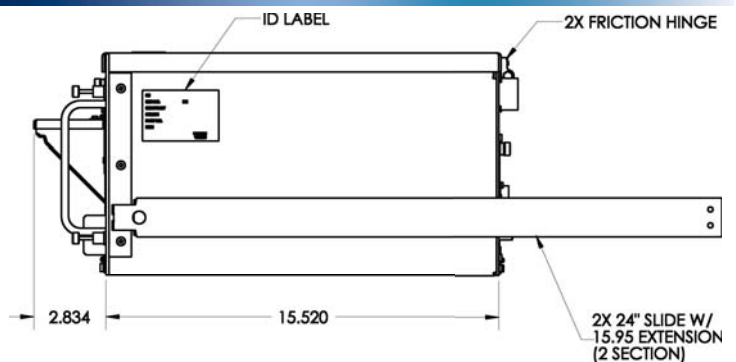
Front View - "Flush Front"

Side View - "Flush Front"

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