



DataMetrics™

# MODEL 3402 RUGGED LASER PRINTER



## Key Features

- Designed to Meet Shock and Vibration per MIL-STD-810E
- Designed to Meet EMC per MIL-STD-461C
- Fast Throughput: 27 Pages per Minute
- Duplex Printing is Standard
- Offers USB 2.0 and Ethernet Ports
- HP PCL 5e/6 & PostScript® 3™ Compatible
- 32 MB Memory; Expandable up to 288 MB
- Native 1200 X 1200 dpi Resolution
- Single "Footprint" Design Offers Rackmount or Tabletop Configurations
- Drop In Replacement for the Model 3400

## Model 3402 Rugged Laser Printer

The Model 3402 Monochrome Laser Printer is a Ruggedized, Commercial-Off-The-Shelf (RCOTS) printer that utilizes Hewlett Packard's world-renowned laser engine print technology. This highly reliable printer has many convenient features including duplex printing, USB and Ethernet interface options, a 250 sheet paper tray, and accepts paper sizes up to USA legal size: 8.5" X 14". This model is engineered to strict EMC, shock, vibration and electrical specifications and has been optimized by DataMetrics™ to operate in harsh environments.

DataMetrics™ Corporation is the industry leader in design and manufacturing of ruggedized printers whose specialty is the ruggedization of various electronic equipment to meet the MIL and high-reliability industrial specifications.



**Fully Mission Capable™**

## Environmental Characteristics

Temperature - Operating	... -10°C to 50°C
Temperature - Storage	... -30°C to 60°C
Humidity	... 10% to 95%, Non-condensing
Vibration	... 2g Sinusoidal and Random per MIL-STD-810E, Method 514.4, Procedure I
Shock - Operating	... 15G per MIL-STD-810E, Method 516.4, Procedure 6
Shock - Non-operating	... 20G per MIL-STD-810E, Method 516.4, Procedure 6
Altitude - Operating	... 15,000 ft.
Altitude - Non-operating	... 50,000 ft.
EMI/EMC	... MIL-STD-461C, CE01, CE03, CS01, CS02, CS06, RE02, RS02, RS03 FCC part 15, Class B
ESD	... MIL-STD-1686A
Orientation	... ±30° from horizontal, any axis

## Performance Characteristics

Print Speed	... 27 pages per minute
Compatibility/Emulation	... HP PCL 6, HP PCL 5e, PostScript® 3™
Paper Handling	... Built-in duplex for two-sided printing
Paper Size	... Letter, Legal, Executive, Envelope 8.5" x 14"
Paper Capacity	... Input Tray – 250 sheets
Typefaces & Characteristics	... 45 built-in scalable True Type fonts 35 built-in PostScript language fonts 80 Microsoft® Windows® fonts included
Memory Capacity	... 32 MB (Optional to 288 MB)
Processor	... 400 MHz
Resolution	... 1200 x 1200 dpi
Gray Scale	... 128 shades of gray
Interface – Standard	... USB 2.0, 10/100 BaseT Ethernet
Interface – Optional	... 10Base2 Ethernet and Parallel IEEE 1284
Print Method	... Electrostatic Laser

## Electrical Characteristics

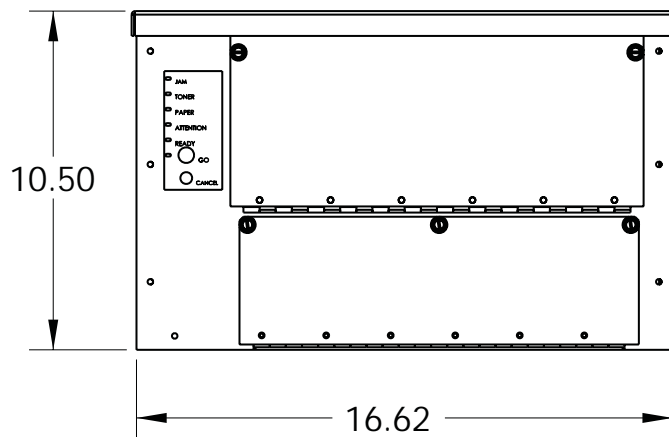
Power – Standard	... Switchable between: 110-124 Vac, 47 - 440 Hz, and 220-240 Vac, 47 - 440 Hz
Power Consumption	... 350W Printing 9W Standby 0.4W Off

## Physical Characteristics

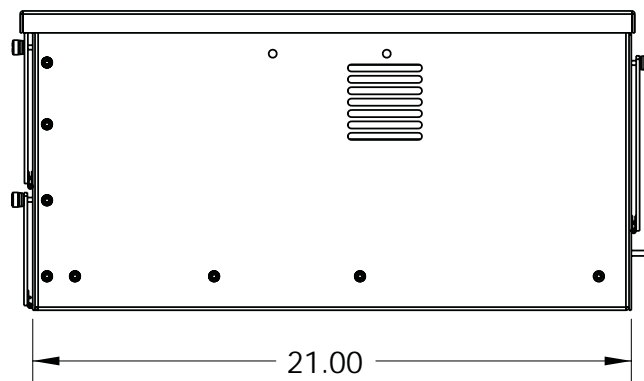
Size	... 10.5" H x 16.9" W x 21" D (27cm H x 43cm W x 56cm D)
Weight	... Tabletop – 40 lbs. (18 Kg) Rack mount – 45 lbs. (20 Kg)

Technical Specifications are subject to change without prior notice.

## Front View



## Side View



## Ordering Information

Part Number	Description
3402-0020-1XX-P005	Mono Laser Printer, Tabletop, Dual-Voltage, Semi Gloss Gray Smooth Texture Paint
3402-0020-1XX-P037	Mono Laser Printer, Tabletop, Dual-Voltage, Semi Gloss Gray Medium Texture Paint
3402-0120-1XX-P005	Mono Laser Printer, Rack Mount, Dual-Voltage, Semi Gloss Gray Smooth Texture Paint
3402-0120-1XX-P037	Mono Laser Printer, Rack Mount, Dual-Voltage, Semi Gloss Gray Medium Texture Paint

Standard Configuration 3402-0020-100-P005.  
"X" indicates ordering options for special features.  
Contact DataMetrics for other options and custom configurations.

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