

M RTP-2021

Rugged Thermal Printer

FEATURES

- Direct Thermal Printing.
- 200 by 200 Dots per Inch.
- Three Pages per Minute.
- Parallel (Centronics) or Serial (RS-232) Interface
- Operates in Severe Environments.
- LaserJet IIP (PCL4) emulation.
- No moving parts associated with the print head.
- Built in Paper Cutter.
- 8.17 Inch. Print Width

DESCRIPTION

MILPER's MRTP-2021, thermal printer / plotter offers state of the art electromechanical design simplicity unparalleled in any printing device using none - impact technique. The MRTP-2021 is a compact highly reliable device, intended for use in severe environments. The MRTP-2021 holds a standard 300 feet roll of facsimile grade paper internally, and allows fast and easy replenishment through a door on top of the unit. Printed document egress through a slot in the front. The power consumption is only 17 Watts consumed at idle and up to 170 watts consumed during heavy dark printing. The unit features a solid state multiple junction print head. Since there are no moving parts associated with the print head, the life expectancy approaches the service life of the printer.

RUGGED DESIGN

Ruggedized for operation in severe environments - where extreme temperatures, shock, vibration, humidity and air pressure are common - the MRTP-2021 is field proven in "on-the-move"



operation in tracked and wheeled vehicles, as well as airborne application. Since no warm up time is required, near instant readiness is provided at all operating temperatures.

COMPATIBILITY

The MRTP-2021 is at or near the top of performance tests, and its silent direct thermal printing technology produced monochrome text and graphics that rivals the best laser-printer output. Its speed, excellent print quality and small size earn the MRTP-2021 as take-me-anywhere printer.

MODULAR DESIGN

The printer is self-contained and embodies a modular joining of electrical, mechanical and electromechanical components. To speed turnaround time during repair. Most subassemblies are independent functional components that can be individually bench tested.

MOUNTING

Several mounting option available.

- Hard Mount for Table Top.
- Shock Isolation Tray for Extreme Environment.
- 19" Rack Mount adapter.

ENVIRONMENTAL CHARACTERISTICS

TEMPERATURE

Operating:	-5 - +55 °C
Intermittent:	-10 - +60 °C
Non Operating:	-30 - +71 °C

HUMIDITY

Operating/Storage	MIL-STD-810E Method 507.3 Proc. I	95% RH, (non condensation)
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VIBRATIONS

MIL-STD-810F, Method 514.5, (Ground Vehicles, Propeller Aircraft & Helicopters).

SHOCK

Operating:	MIL-STD-810F, Method 516.5, Proc. I, -15g 11ms. Saw Tooth
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EMI/RFI

MIL-STD-461, Class 3

DRIP PROOF

MIL-STD-810F, Method 506.4 Procedure III

ALTITUDE

Operating:	-900 - 15,000 ft.
Non Operating:	-900 - 30,000 ft.

PHYSICAL CHARACTERISTICS

SIZE

7" H x 14" W x 12.5" D

WEIGHT

5.5 Kg.(Excluding Paper)

POWER

18-32 VDC (100-240 V 47-440 Hz, Single phase - Optional)

These specifications are subject to change without notice