

# 4144 Thermal Recorder

## SPECIFICATIONS for the 4144:

Number of Channels	1
Channel Width Writing System	40 mm
Frequency Response	DC to 100 Hz at 10 mm (-3 db)
Linearity	± 1% full scale
Hysteresis full scale	± 0.5% full scale
Sensitivity	100 mV/cm; 200 mV/cm; 500 mV/cm; 1 V/cm
Input Impedance	100k ohm (Min.)
Input Circuit	Single ended floating
Operating Voltage	± 12-15 Vdc
Power Consumption	0.4A Typical; 0.6A Maximum
Chart Speeds	25 & 50 mm/sec. standard. For other available speeds, see Options and consult factory.
Chart Paper Capacity	2.125" (54 mm) roll diameter
Size With Electronics	3.80" H x 2.51" W x 4.88" D (9.65cm H x 6.35cm W x 12.40cm D)
Size Without Electronics	3.80" H x 2.51" W x 4.26" D (9.65cm H x 6.35cm W x 10.28cm D)
Weight	1.625 lbs. (737 grams)
Request Outline Drawing Number	MFE 00376260
Options	<ul style="list-style-type: none"><li>- Thermal printhead for alphanumeric annotation in the left hand margin.</li><li>- DC motor drive for speeds of 5 &amp; 25mm/sec or 10 &amp; 25mm/sec.</li><li>- Microprocessor based stepper drive for 32 chart speed from 1 mm/hr to 10 mm/sec.</li><li>- Inverter board for operation from + 12 Vdc supply.</li></ul>



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