



Excellent performance is coupled with flexibility and small package size

The Dynapar MAXjr Tach family set the standard for low cost industrial rate controllers. Programmable calibration factor and decimal point allow speed to be displayed in units, such as: feet/minute, gallons/minute, etc. Combining high accuracy measurement with alarm capability, built-in diagnostics, large, bright LED display, simple programming and compact size makes the MAXjr Tachs a best value.

- Calibration factor allows display in engineering units
- 0.01% accurate time interval measurement
- Large, bright 0.56" high red LED display
- Full 5 digit display capability
- High and low alarm setpoints with outputs
- Sealed NEMA 4 front panel
- Programmable decimal point position
- Built-in diagnostics

The **MAXjr Tach 1** Rate Indicator/Controller performs the basic rate or speed measurement functions. The **MAXjr Tach 2** provides a choice of operating modes: rate of input A, as in the **MAXjr Tach 1**; ratio of two independent inputs A and B; and time interval, which can be the period of A or the elapsed time between inputs A (start) and B (stop).

SPECIFICATIONS

Panel Mounting: 1.78" x 3.56" cutout; 5.68" depth

Accuracy: ± 0.01% crystal controlled

Inputs: Magnetic (sine wave), pulsed (square wave) open collector, TTL, CMOS or line driver; 10 kHz max.

Display: 5 digit, 0.56" LED; update rate 0.7 seconds or 1 signal period

Alarms: 1 each high and low; open collector outputs

Calibration: Programmable 0.0001 to 99999.

Power Requirements: 95 to 130, or 190 to 260 VAC, 50/60 Hz, 6 VA; 10 to 26 VDC @ 0.4 A max.

Accessory Power: + 12 VDC ± 25% @ 0 to 125 mA

Operating Temperature: 32° to +122°F (0° to +50°C)

For RPM display without alarms, see SimTach D
For voltage or current loop inputs, see PM64S

Model No.	Description
MTJR1S00	MAXjr Tach 1 Rate Controller, 115 or 230 VAC
MTJR1D00	MAXjr Tach 1 Rate Controller, 10 to 26 VDC
MTJR2S00	MAXjr Tach 2 Rate/Ratio/Time Interval Controller, 115 or 230 VAC
MTJR2D00	MAXjr Tach 2 Rate/Ratio/Time Interval Controller, 10 to 26 VDC

