

Advanced VSR Model 7 System



Model MS8 vibrator features over-size bearings, hardened inserts in mounting feet, and adjustable unbalance over a 20 : 1 range. Scale used to adjust unbalance visible on end bell. Thermal sensors protect the motor windings from overheating, minimizing maintenance.

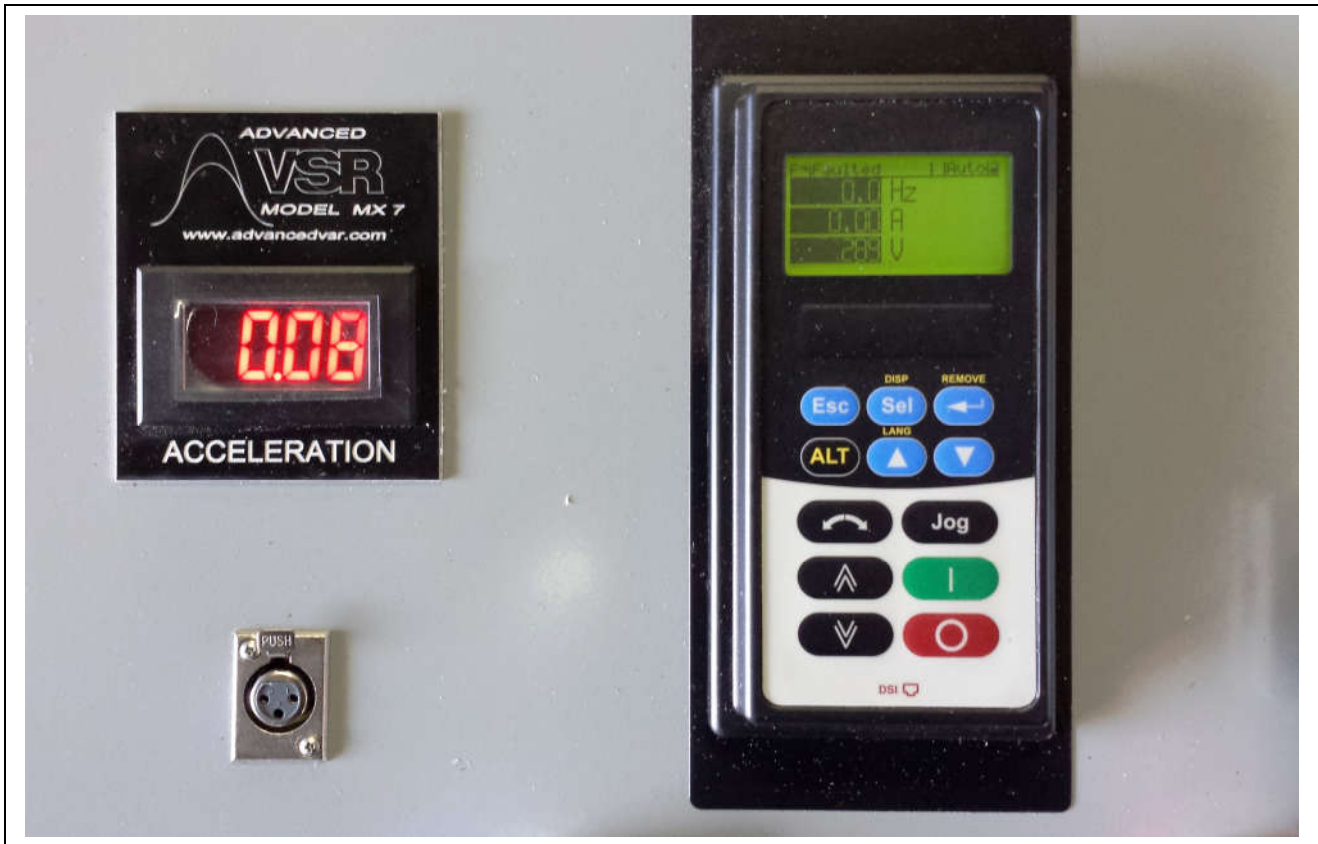
Rear of console shows heat sink of AC motor drive, this feature avoiding heat-stress or buildup on components inside enclosure.

Covered AC inlet (to left of heat sink) and heat sink both protected by rugged stainless steel and aluminum cage.



Model M7 Console features digital readouts of workpiece acceleration and vibrator speed and amp draw, together with DC buss voltage, provide operator key data.. Digital speed control allows both jog tuning, plus fine tuning in increments of 0.1 Hz / 6 RPM. NEMA 4 / IP65 sloped enclosure prevents entry of dust, oil and sprayed water.





Operator is provided 4 sets of digital information:

- Acceleration (to 4 digits)
- Vibrator speed in Hz
- Vibrator amp draw
- DC buss voltage (if overtaxed, can reduce vibrator performance)

To tune speed, either jogging quickly or fine tuning, the operator merely presses either set of arrows, increasing or decreasing vibrator speed, as required.

System performance outline:

- Vibrator speed range : 10 – 125 Hz / 600 – 7500 RPM
- Vibrator force at max speed and unbalance : 3000 lbs. / 1363 kg
- Vibrator power : 1.6 HP / 1.2 kW
- Console speed increment control : 0.1 Hz / 6 RPM
- Console auto motor protection : Over-temperature / Overload / Loss of phase
- Components supplied: Console in NEMA 4 / IP65 enclosure, vibrator, accelerometer, two acc cables, power cable, 5 " / 125 mm machinist-style vibrator clamps, acc clamp, two owner - operator manuals, which include all maintenance information



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