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WE INVENTED THE VSR PROCESS

VIBRATORY STRESS RELIEF EQUIPMENT

Three models . . . all user friendly



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Our basic system's features :

3 kW Allen-Bradley motor drive with external heat sink (80% heat dissipation is outside the NEMA 4-grade enclosure)

Digital displays of workpiece vibration amplitude, vibrator motor current, vibrator speed / RPM

Digital speed control increment of 6 RPM

300 - 7500 RPM 3 phase motor with 20:1 adjustable unbalance.



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Our popular mid-priced system's distinguishing features :

3 kW Allen-Bradley motor drive with external heat sink (80% heat dissipation is outside the NEMA 4-grade enclosure)

CNC control, via a 15" industrial touchscreen. The PC is "fanless" (runs cool / no fan needed) and has a solid state HD. Nothing mechanical on its die-cast aluminum chassis, for maximum ruggedness and reliability. VSR Treatments saved by printing as PDF (PDF maker installed at factory).

VSR Chart data includes plot of both workpiece amplitude AND motor power vs. vibrator RPM, the most useful data for the operator to fine-tune VSR Setups and process your parts quickly.

300 – 9000 RPM speed range vibrator, that develops a max 3200 lbs of force. Adjustable (takes 1 minute) unbalance over a 20:1 range allows wide range of workpieces to be VSR Processed with this system.

Speed regulation of less than 0.1% and adjustable frequency increment of 6 RPM.

Shown with mobile workstation with NEMA 4 enclosed disconnect switch, circuit breaker and 3 kVA isolation transformer.

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