

LARGE INDUSTRIAL FAN MOTOR CUSTOMIZED TEST SYSTEM

MAGTROL DESIGNED THIS CUSTOM MOTOR TEST SYSTEM FOR END OF LINE PRODUCTION TESTING OF LARGE INDUSTRIAL CEILING FANS..

This system is equipped with a TM 312 Torque Transducer, a DSP 7000 Series High-Speed Programmable Controller, a 7530 Series Power Analyzer, a 2PB 115-IS Powder Brake Dynamometer, a 1:1 right angle gear box, an integrated Hi-Pot tester, a custom Pogo Pin connection box, a Zebra printer, an interface for safety light curtain bars, and a bar code reader. A heavy duty steel table was designed with a custom pivot assembly and adapter scheme to interface with various motor mounting. The custom pivot assembly was adapted with several safety features including locking features and proximity sensors to ensure proper engagement of the motor interface.

Easy to use, Magtrol M-Test Software enables the user to quickly set test parameters and sequences in torque or speed control, curve mode, closed loop or open loop. Test setups can be saved and recalled any time. It allows the acquisition of complete testing data (torque, speed, current, efficiency, power input, power output, temperature, resistance), temperature rise and related data during motor operation. M-TEST has the flexibility to test a variety of motors in a multitude of configurations. The data generated from this userfriendly program can be stored, displayed and printed in tabular, graphical formats or universal data reports and is easily imported into a spreadsheet. Clear and professional reports can be issued.

You need specific Motor Testing System ? Do not hesitate to challenge us !

