
Power Tool Motor Test System

FEATURES

- Custom software for performing temperature rise tests
- Customized reports using Excel templates
- Custom motor fixtures
- AC power supply – variable voltage and frequency
- Armature and Field winding resistance measurements

DESCRIPTION

The power tool test system provides automated testing of power tools at 120/240V, 50/60Hz. Temperature rise is determined by resistance measurement using hard wired and Kelvin probe connections. A single test can be conducted at 0.9, 0.94, 1.0, 1.06 and 1.1 times the rated voltage. Control of the ohmmeter/multiplexer, AC power for the motor and all test parameters are maintained through user defined, reloadable software setups. At the end of test, a thirteen page report containing data and graphs is generated, saved and printed.



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