

Durability Test 1.0 Software

DESCRIPTION

Magtrol's Durability Test 1.0 is a PC-based motor testing program for use with Windows®/XP operating systems. Used with a National Instruments™ USB-6008 Multifunction DAQ, a Magtrol 5210 Current-regulated Power Supply, and a compatible Magtrol Hysteresis Brake, Durability Test 1.0 applies user-defined torque load profiles to a motor under test.

Twenty-four step profiles can be defined by brake current level and time interval. For each step, current can be set to a new value, ramped to a new value, or held constant over a selectable period of time. Profiles can be looped for any number of cycles and can be saved for future tests.

Written in LabVIEW™, Durability Test 1.0 can be run in "Single" mode for a single test setup or "Dual" mode if two test setups are to be controlled from the same PC. A graph displays progress in real time as the software steps through a test profile.

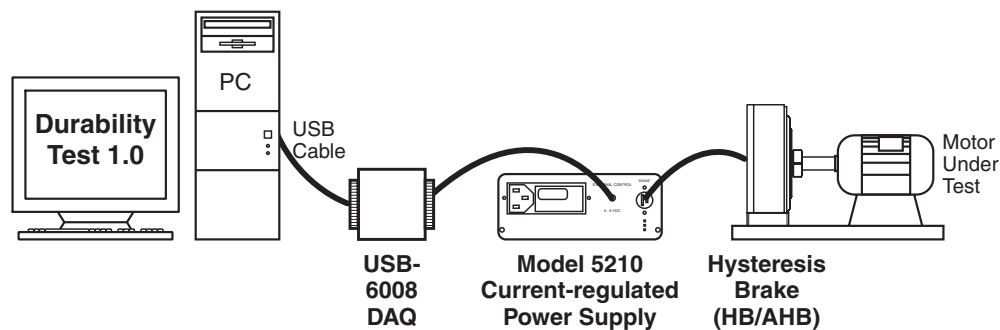


APPLICATIONS

Durability Test 1.0 is well-suited for simulating motor loads and performing survivability tests.



SYSTEM CONFIGURATION



Due to the continual development of our products, we reserve the right to modify specifications without forewarning.



www.magtrol.com

MAGTROL INC
70 Gardenville Parkway
Buffalo, New York 14224 USA
Phone: +1 716 668 5555
Fax: +1 716 668 8705
E-mail: magtrol@magtrol.com

MAGTROL SA
Centre technologique Montena
1728 Rossens/Fribourg, Switzerland
Phone: +41 (0)26 407 3000
Fax: +41 (0)26 407 3001
E-mail: magtrol@magtrol.ch

Subsidiaries in:
Great Britain
Germany • France
China • India
Worldwide Network
of Sales Agents

