

## Multi-motors test system

### FEATURES

This system was specially designed by Magtrol to conduct endurance testing on several engines simultaneously.

The system includes :

- 5 Hysteresis Brake Test Benches
- A computer system for the control and signal acquisition of torque and speed
- Data acquisition software
- A 5 Power Supply modules
- A 5 relay card to control the motors under test



*Interconnection and energization box*

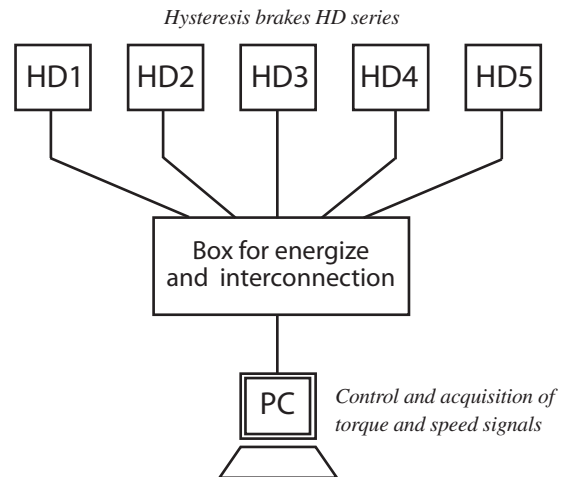
### TEST

This closed loop test system is designed to measure torque, speed and mechanical power of the motor under test. The data acquisition frequency is approximately 1Hz.

Torque can be controlled by setting the desired number of cycles in which the parameters can be saved by the BAEM-TEST Software. All 5 test benches are powered by the power supply and receive torque instructions simultaneously (see figures below).



*Example of torque display for 5 brakes*



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



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