

500 HP DYNAMOMETER CONTROL

500 HP Regenerative DC Motor Controller

Overview

We can help you with your Dynamometer motor applications with our 500 HP Regenerative Motor Controller. It has a digital front-end controller with a counter and timer for doing profiled speed tests.

- PLC for monitoring push-button functions as well as faults from the motor and drive
- A NEMA 12 enclosure houses all of the control equipment



Standard Items

- NEMA 12 control enclosure to house control components
- Magnetic pickup or encoder for speed feedback
- 1000 amp rated motor contactor
- Main line circuit breaker
- System is fused for protection
- Operator panel with front-end controller and push-buttons wired and ready to mount into your operator station
- PLC fully programmed
- Fully wired and tested

Optional Items

- Larger or smaller horse power ratings
- 480 or 240 VAC rating
- Motors of any horse power
- Specific customer requests
- Installation assistance
- Training by a qualified project engineer for operators and/or skilled trades personnel on equipment operation and maintenance

How to Order

Call your friendly sales representative today for a customized quote!

Prices subject to change without notice

Features & Benefits

- **Line Reactor** –
prevents line spikes and extend power semiconductor life
- **500 Hp, 820 amp rated drive** –
powerful and reliable
- **Digital front-end** –
for speed profile controller
- **Speed regulation of 0.2%**
- **Auto / Manual selector switch** –
variable mode of operation
- **Electronic armature reversing** –
for four quadrant operation
- **Component protection** –
phase loss, current limit, overspeed and field loss

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