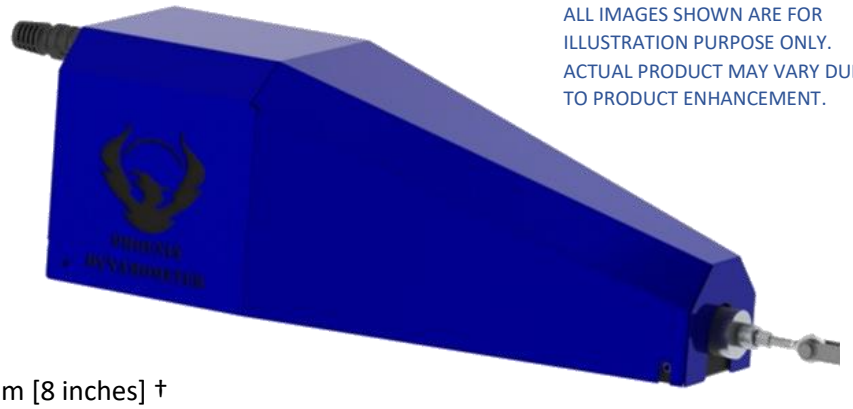
PHOENIX DYNAMOMETER
GET YOUR MOTOR RUNNING

PD465 Throttle Control, Servo, Linear Actuator / Engine Dynamometer

For throttle control of internal combustion engines, as well as gear shifters and component positioning control. This extremely versatile actuator is suitable for the execution of all legal driving cycles according to ECE, EPA, FTP and Japanese guidelines.

The power, control electronics and mechanical components are all located in a single enclosure that can be mounted in any position and anywhere. Connection to the pump or throttle lever can be rigid or flexible.
The device requires 90-240VAC 50/60Hz or 12-48 VDC single phase power and is operated by either analog signal (0-10VDC, 4-20mA) or digital signals (step and direction). Position feedback is available on all units.
The actuator settings are preconfigured and are field accessible via a Windows based intuitive interface. A single 5m (16 ft.) cable is used for power and signal connection terminated at the enclosure. Wire leads are coded for source connections.

2 year WARRANTY



ALL IMAGES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT.

Specifications

- Max. travel (stoke): 200 mm [8 inches] †
- Max. force Push/Pull: 1740 N [390 lbf] ‡
- Max. travel speed: 125 mm/sec. [5 inches/sec]
- Travel resolution: ± 0.05 mm [0.002 inches]
- Repeatability: ± 0.05 mm [0.002 inches]
- Operating temp.: -30°C [-22°F] to 60°C [140°F]
- Standard throttle cable system with hardware for engine connection 3 m [10 ft.]
- Data interface: USB Windows Interface
- Maintenance free construction.
- Includes universal throttle control mount with hardware and throttle lever connections

† Actuator travel (stroke) is field adjustable.
‡ Actuator force is field adjustable in both directions.

... because excellence is a habit!