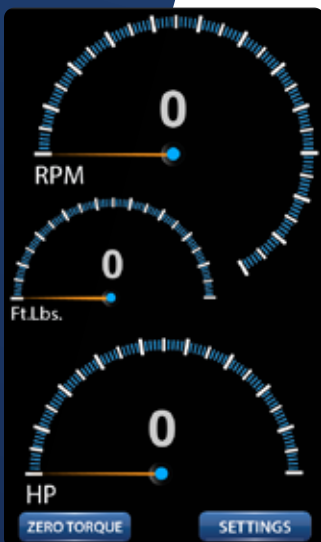




## DPM 401 SERIES

### INSTRUMENTATION SYSTEM



### Basic Instrumentation - DPM Data System

The DPM 401 Series Data System provides the operator with speed, torque, and power data, using a touch-screen display.

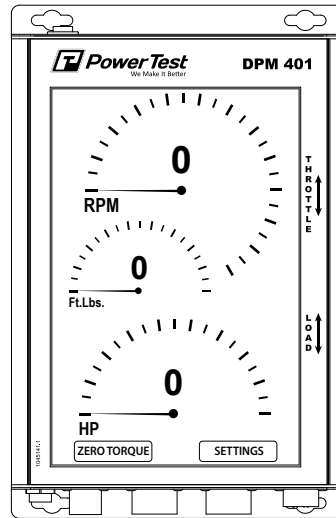
Power Test DPM 401 Series Data Display comes with our PowerNet DPM data acquisition software (computer not included), and allows the operator to record and display peak speed, torque and power info with an easy-to-use interface.

## FEATURES

- Displays speed and torque as well as power.
- The universal power input of 100-240 VAC and 50-60HZ into the power supply.
- Factory calibrated (when purchased as a system)
- USB and Ethernet port options for data acquisition
- Will use a 0-10V output signal for load control

## BENEFITS

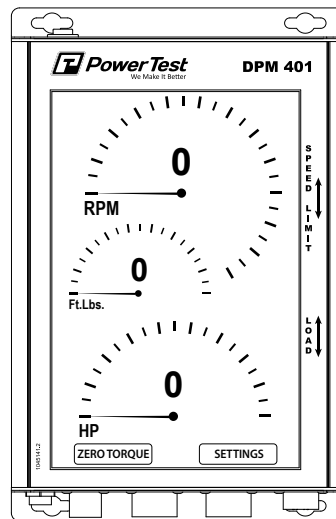
- Includes PowerNet DPM DataLogger software
- Standard engine throttle output signal utilizes many Power Test adapters
- Connects to standard strain gauge load cell and speed pickup
- The DPM 401.1 model utilizes a Throttle Control Interface w/cable for throttle control (sold separately). Interface options include; electronic, isolated current, isolated voltage, frequency, and pulse width modulation.



### DPM 401.1

**Throttle Adjustment:** Controls the desired throttle position of the engine under test.

**Load Adjustment:** Controls the percentage of load being applied to the engine being tested



### DPM 401.2

**Speed Limit Adjustment:** Controls the load based on the desired speed of the motor under test.

## A Complete Testing Solution

Power Test provides a full range of test cell support equipment and accessories, including engine carts, air start systems, drive shafts, resilient couplings, engine adapters, water recirculation and cooling systems, fuel measurement systems, smoke opacity meters, additional temperature and pressure sensors, and analog input channels. Whether you are dealing with new installation or looking to repair, upgrade, or replace an existing dynamometer, Power Test has a solution.

## Power Test, Your Full Service Dynamometer Manufacturer

Power Test can provide facility design and installation of every dynamometer we sell. We also offer a complete line of support equipment, including ventilation systems, exhaust systems, auxiliary cooling systems, and water recirculation systems.