PHOENIX DYNAMOMETER
GET YOUR MOTOR RUNNING

PD455 Load Control Systems/ Engine Dynamometer

The Load Control is the electrical or electro-mechanical interface that allows the control system to control the dynamometer load.

Water Brake Dynamometers - the Load Control is an electro-mechanical assembly that includes a water Pressure Regulating Valve (PRV), water control valve(s), speed sensor assembly and air pressure regulation kit. This assembly allows the control system's load control signal (0 - 10 VDC or 4-20 mA) to control the water flow into the dynamometer and thereby control dynamometer load from 0 - 100%.

Eddy Current Dynamometers - the LCS includes an isolation transformer and power amplifier. The power amplifier is an electrical device that functions as a direct current (DC) regulator. This assembly allows the control system's load control signal (0 - 10 VDC or 4-20 mA) to control the current flowing through the dynamometer and thereby control dynamometer load from 0 - 100%.



2 year WARRANTY

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

Specifications

- Load control device for Eddy Current PAU for up to 560KW [750 HP]
- Includes universal power input 100-240 VAC and an Isolation Transformer.

... because excellence is a habit!