



E-Stop Button Kit / Instrumentation



Engine and Chassis Applications

For Engine and Chassis dynamometer applications, the E-Stop Buttons are designed to power down the DynPro₂ Data Acquisition and Control System in the event of an emergency. The power down is activated by pressing the orange emergency pushbutton. The E-Stop Button Kit does not take the place of mechanical devices that are used to remove the energy from the engine or vehicle while under test.

Hydraulic Test Center (HTC) Applications

In HTC applications, the E-Stop Buttons will disable control to the electric motors internal to the Hydraulic Test Center. This stops machine functions such as rotating and supplying flow to the component under test.

The E-Stop Button Kit comes with 4 pushbutton control boxes that can be mounted throughout your facility. It is important to install these kits in the proper locations so that the pushbutton is easily accessible and can be pushed immediately in case of an emergency. The E-Stop Buttons must remain operational at all times.

The E-Stop Button Kit can be reset by releasing the button that was originally activated. In the event more than one button was activated, then release each activated button to reset the system. It is recommended to release all activated buttons before any equipment or machinery is restarted. Note that resetting the E-Stop Button(s) does not automatically restart the equipment, normal start up procedures are required.

Standards and regulations for E-Stop Button implementation vary significantly by industry. Designers must have a good understanding of the governing bodies and standards that apply.

Additional recommended devices for Engine and Chassis applications include:

- Air Intake Shut Off Valve - Emergency Shut Down Valve
- Loading the engine via the dyno
- Fuel Shut Off Solenoid

Everything you need to succeed

