

# Valve Drivers

## Single and Multi-Channel



### Features:

- Small and Lightweight
- Models for 12 and 24 VDC Valves
- Internally or Externally Triggered Modes
- Single, Two Channel and Multi Channel Models Available
- Drivers for Iso-Latch® valves

The Valve Driver II family of instruments is designed to assist in the automation of fluid (liquid or gas) control systems in the laboratory. They allow manual as well as external control of one or more electric solenoid valves. The drivers employ a "hit and hold" drive

circuit that applies a pulse of full voltage to the valve after which a low holding voltage cuts on to keep the valve open as long as required. This technique reduces overall power consumption and substantially reduces the heat build up in the valve. Manual switches and LED indicators are on the front panel. The back panel has two detachable terminal blocks; one for the valve and one for all other I/O. In addition to standard positive and negative (contact closure) TTL inputs the drivers can be configured to trigger on the leading or

trailing edge of a pulse. These instruments are small, lightweight and are powered by a modular remote power supply. Most 12 or 24 volt DC valves produced by the General Valve Division of Parker Hannifin Corporation can be operated by one or more of these drivers.

There are four models of the Valve Driver II each offered in both 12 and 24 volt versions. The Single Channel; the Two Channel (both channels independent); the Multi-Channel (manual selection of 1 of 4 outputs); and the Iso-Latch®.