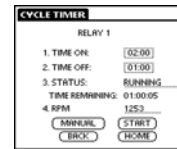


## GasFlow™ Timers

The Model 630A programmable controller from TechTrol continuously activates up to three pump control relays. The user can select from an array of three timer types on a touch screen matrix format to start/stop pumps, engage clutches or activate other devices. These timers are rugged, reliable and affordable. The highly visible graphics display and clearly marked touch pad coupled with the intuitive menu driven setup screens make programming a snap and installation is a breeze. Simply install the controller on the skid or around the pump jack and then connect the relay modules as needed. Connections are made via module weather-tight type connections.



### Features and Benefits:

- Touch Screen, High Resolution Graphic Display
- Three User Selectable, Programmable Timers.
  - Cycle Timer.
  - Programmable 28 Day Timer.
  - Programmable 16 Event Timer.
- Relay Output for Pump Control.
- Backlight for day or nighttime viewing.
- Works on gasoline, natural gas or electric motors.
- Minimizing fuel consumption.
- Reduce maintenance costs.
- Up to 4 analog and 4 digital shutdown inputs, customized programming to fit your application



### Easily Programmable Pop-Up Windows for Setting Control Times and Relay Selection



- Track TOTAL hours of run time
- Monitor Engine RPM
- Monitor Engine Oil Pressure
- Monitor Engine Temperature

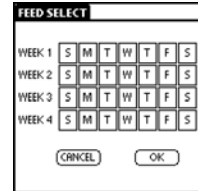


## Description of timer functions:

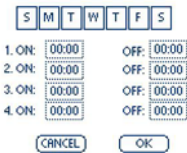


**Cycle Timer:** The most basic timer. The user selects the amount of time that the pump relay will be on followed by the amount of time the pump relay will be off. Once enabled, this timer will run continuously.

**Programmable 28-Day Timer:** Through a matrix and menu driven format, the user can select the specific day and time of activation, and the amount of time the pump relay will activate. This timer is based on a real-time clock/calendar and allows the user to select any day of the week and any time of the day to operate the pump.



### 16 Event Timer



**Programmable 16 Event Timer:** Through a matrix and menu driven format, this pump relay can be programmed to activate on any day of the week for up to eight independent cycles per day. The user selects the day, start time and duration for each pump on cycle.

**General operation:** Once the controller sends the signal to the relay to start the pump, the controller will try five times to start the pump. The intervals and crank times are fully programmable on the touch screen. If the pump does not start within the five tries, it notifies the user by way of an error message on the display. The controller will not attempt to start again until the user acknowledges the fault.

**Programmable Shutdowns:** User can program the controller to shut down on any monitored fault. Controller notifies user as to exact shut down fault in plain English.

### Optional Equipment:

- Solar Power Option
- Four Input Shutdown; Low oil Pressure, Low or High system Pressure, High Engine Temp, Vibration, or any other parameter, Etc.
- Four Analog inputs that can be used for logging system status, Oil Pressure, Engine Temperature, Flow Rates, etc.
- Data transmission telemetry.

### Specifications:

Size	5" X 7" X 3"
Weight	1 Pound
Enclosure	Nema 4X
Power	90 to 250 VAC @ 50/60 Hz or 12VDC to 40VDC @ 600 mA
Display	High Resolution Graphic Touch Screen, 2.5" X 2.5"
Communication Interface	RS232/RS485
Operating Temperature	0° F to 120°F heater available for colder temps