

THE NEW VALVE STAR

G2

CONTROLS:

- Power Switch.
- Variable Torque Control.
- Variable Speed Joy Stick – Open and Close directional control.
- MDM computer control and display.

COMPUTER FUNCTIONS:

- Records time of day and date.
- Allows entry of a valve or hydrant identification number.
- Set Revolution Alarm - both audible and warning light.
- Set Torque Alarm – both audible and warning light.
- Control valve key speed – 20 to 60 RPM.
- Set Open Right and Open Left for valves and hydrants.
- Records GPS.
- Ramp feature:
 - Ramps to 1/2 speed on torque alarm.
 - Ramps to 1/2 speed on revolution alarm.
 - Ramps to 1/2 speed when returning to start point (zero).

Note: It should also be noted that even though a maximum RPM may be set high, the application of a low torque setting may slow the RPM less than the set RPM. Example: You may have your maximum RPM at 60 but you have your torque at 60 ft. lbs.. In this example you would get a much slower speed than 60 RPM. That speed will vary depending on the torque you are actually applying because pressure (torque) and flow (RPM) are related.

- Capture critical data and copy to Excel Spreadsheet.

DATA CAPTURE:

- Identification Number
- GPS
- Set Torque Alarm
- Achieved Peak Torque
- Revolution at Peak Torque
- Set Revolutions Alarm
- Achieved Revolutions

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(Continued)

GENERAL DESCRIPTION OF OPERATION:

- **Set Computer functions.**
- **Push Joy Stick to open or close valve.**
- **Increase Torque by turning Torque control knob.**
- **Torque alarm will sound, Torque warning light will illuminate and revolution speed will reduce by half or to a minimum speed of 20 RPM when desired torque is met. You have the ability to continue valve exercising if desired by increasing torque with Torque Control knob.**
- **Revolution Warning light will illuminate and speed will reduce by 1/2 when desired revolutions are met. You will still have the ability to continue exercising the valve in the event it takes more revolutions than the set amount to open or close the valve or hydrant.**
- **Collect data at end of day through data port to a Palm or Laptop Computer.**