



## **FINISH THOMPSON INC.**

921 Greengarden Road • Erie, PA 16501-1591 U.S.A.

Ph 814-455-4478 • Fax 814-455-8518

Email [fti@finishthompson.com](mailto:fti@finishthompson.com) • [www.finishthompson.com](http://www.finishthompson.com)

# **M20 Power Monitor Tips**

When properly installed and programmed, the M20 power monitor provides outstanding protection against pump failure due to run dry, dead heading, excess power and lack of priming (SP Series). Listed below are some tips to help avoid common issues during installation and programming.

- Follow the installation instructions carefully. Recheck.
- Common problem is incorrect number of wraps in transformer (page 15)
- Make sure measurement system is set up (page 22). I would recommend using HP or kW.
- Make sure the motor power, current and phases are set (pages 24 & 25)
- If SP pump, set delay to period long enough to get the pump to prime (say 360 seconds) (page 27)
- **IMPORTANT:** Set main alarm latch to “ON” – default is off and will cause major problems!!! (page 33, window 61)
- Start pump and wait until it is operating normally. Press and hold AUOT SET key for 3 seconds.
- Make sure to press “ENTER” key after entering data in any window or change will not take place.
- If changes are made later, make the change, press enter and then press AUTO SET key.

## **Test to make sure the monitor is working properly!!! Do not assume!!!**

- Close the discharge valve. The pump should stop.
- Close the suction valve. The pump should stop.
- Do not leave either valve closed for more than five seconds.