![SCHAP SPECIALTY MACHINE, INC.]

Sequence of Operations

Model #:   **2120193**

Description: **Foam Fatigue Tester**

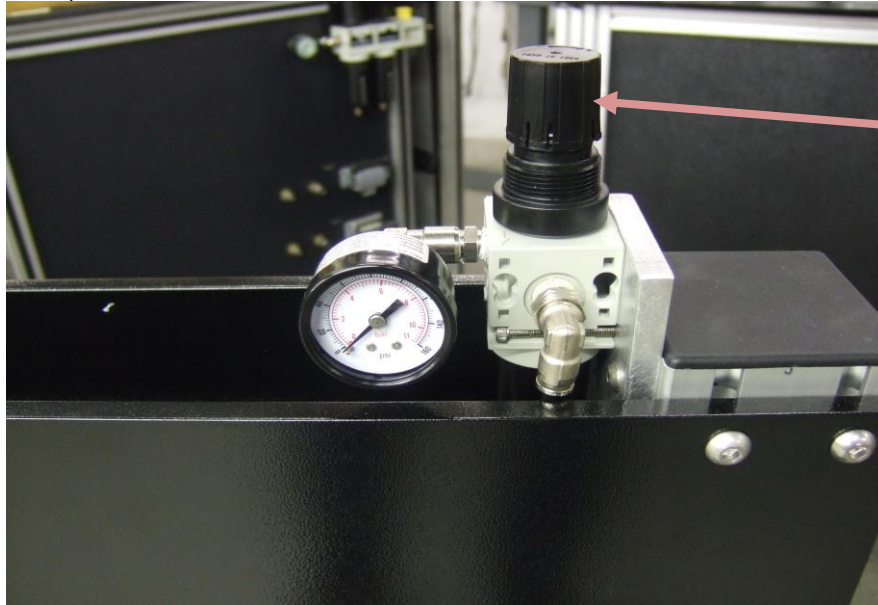**Date:**   **June 2012**

Machine Set Up

- Place Machine on Level Surface.
- Attach Air Line to quick disconnect.
- Plug into **120 Volt** power source.

Machine Operation

- Turn on the main power switch, which is located on the front of the electrical enclosure.

- Turn on Air and set to **20 to 60 psi**. (You may need to adjust the air pressure slightly to achieve proper operation of the unit 60 psi is our recommended starting point.)

- Tare Load Cell Meter, see step by step directions.
- Set the counter to the desired number of cycles. (see counter set-up below for details)
- Press the reset button on the counter to reset to **zero** counts.
- Turn switch on front panel to start to begin test.
- When the number of cycles is complete, the tester automatically stops.
- The reset button on the counter must be pushed before a new test can be run.
- Turning the switch to "**Stop**" on the control panel stops the test anytime and returns tester ram to full up position. (Count does not reset.)

EATON Counter Set-up

To program the counter for the basic counting function:

Push "P" (program) located on the front of the counter.

- **Push the "^" function button to the set-up function desired .**

- **Push the "<" function button to advance to the digit column desired.**

- **Push the "^" button to the desired numerical digit.**

- **Repeat this procedure until the desired count is reached.**

- **Press "P" again to Save your pre-set program count.**

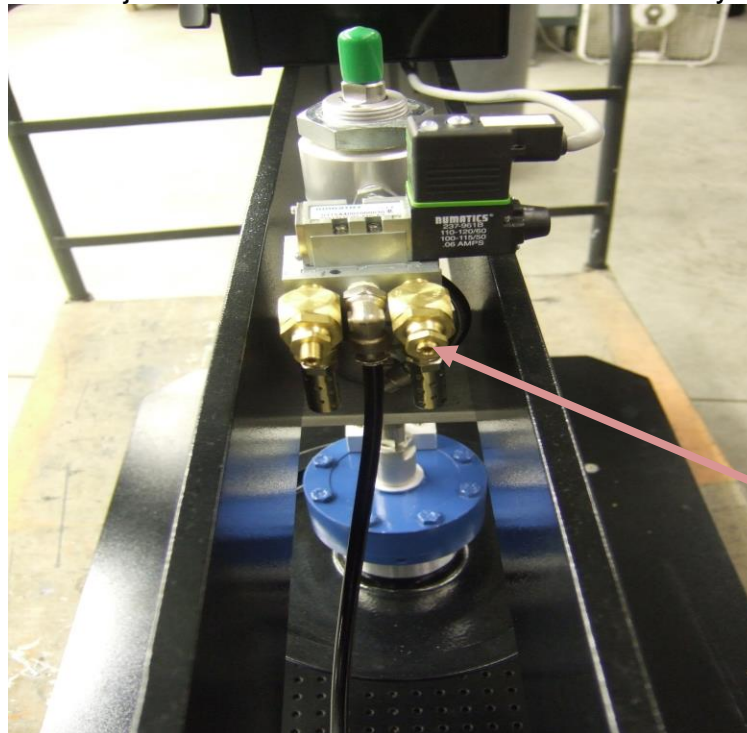- **The RED button on the left is the counter Re-Set button.**

DALEC Load Cell Meter Set-up

- The Load Cell Meter is shipped preadjusted for the test to be preformed. Make sure that power to unit is on.
- Check Display reading " it is common for this number to float between a negative number and a positive number near zero as much as 2 pounds this will not effect test results ".
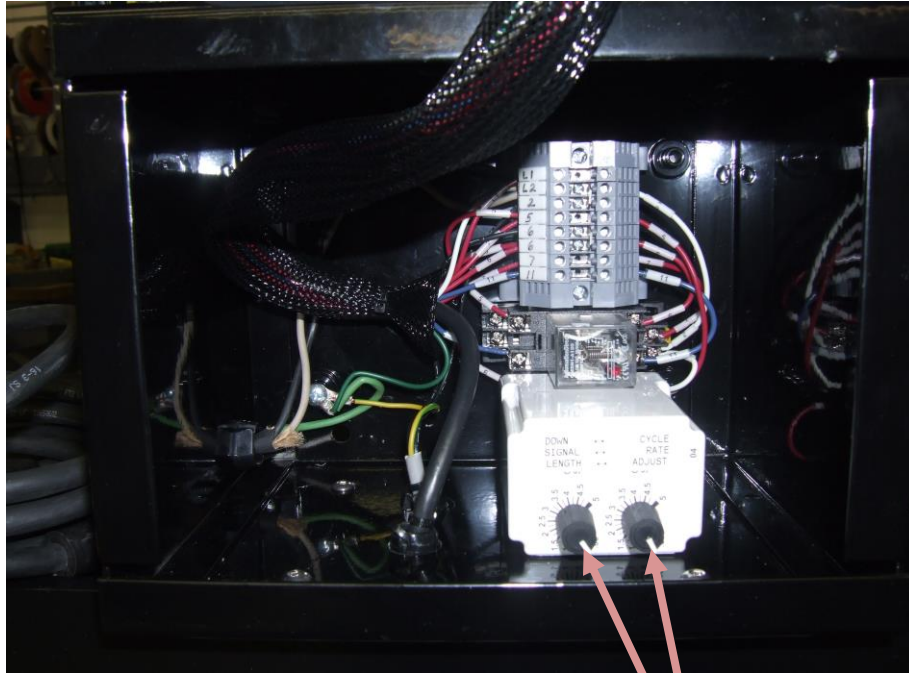
- If it is displaying a variance positive or negative more than this "TARE" can be adjusted in the following manner.
- Press the "TARE" button
- Zero out the "TARE" by pressing the peak button
- TO SET THE POUNDS OF PRESSURE FOR THE TESTER:
- Press the alarm button
- Press the right arrow display will show 5 digits first digit flashing Note: The first digit here set whether or not you will be in negative or positive adjustment range.
- Right arrow to the desired digit to change arrow up to change digit.
- Using example above current setting in meter is 20.0 you would right arrow to the "2" and raise it using the up arrow to a "6" to get 60 pounds.
- Press alarm to store this value
- A second ALARM value will come up = IGNORE THIS > we do not use it
- Press Menu repeatedly until controller displays "RESET".
- Your new Pounds have been entered.
- Repeat as needed.

ADJUSTMENTS:

- The air pressure can be adjusted by turning the pressure control knob. This may need to be increased if you have a high pressure setting for the test, and the current air pressure setting is too low.
- The air pressure controls the DOWNWARD movement of the platen.
- The flow valve (see below) controls the upward movement of the platen. You may need to adjust this with an Allen Wrench as needed at your test set up.

- The cycle speed can be adjusted with the speed controllers inside the control box. Be VERY careful in adjusting these. It is good to note the start position before you make any adjustments.

EFY 06/16/2012