

# SCHAP®

17309 Taft Road Spring Lake, MI 49456 \_\_\_\_\_ ph (616)-846-6530

## SCHAP SPECIALTY MACHINE VESLIC TESTER OPERATING INSTRUCTIONS

### OVERVIEW OF THE TESTER



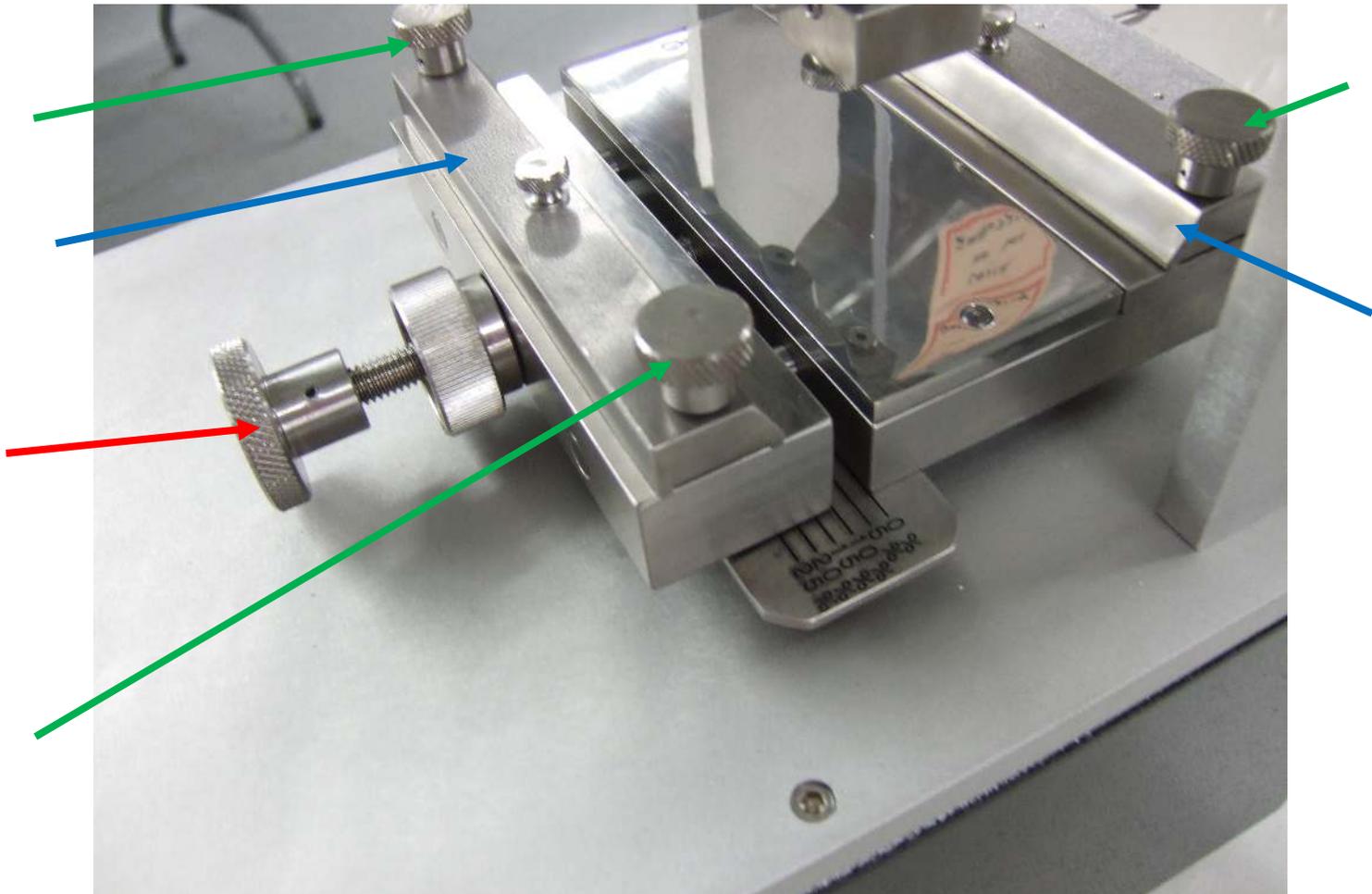
The tester is made with stainless and aluminum components so that the operator can apply moisture with the samples or during the test without causing damage to the tester.



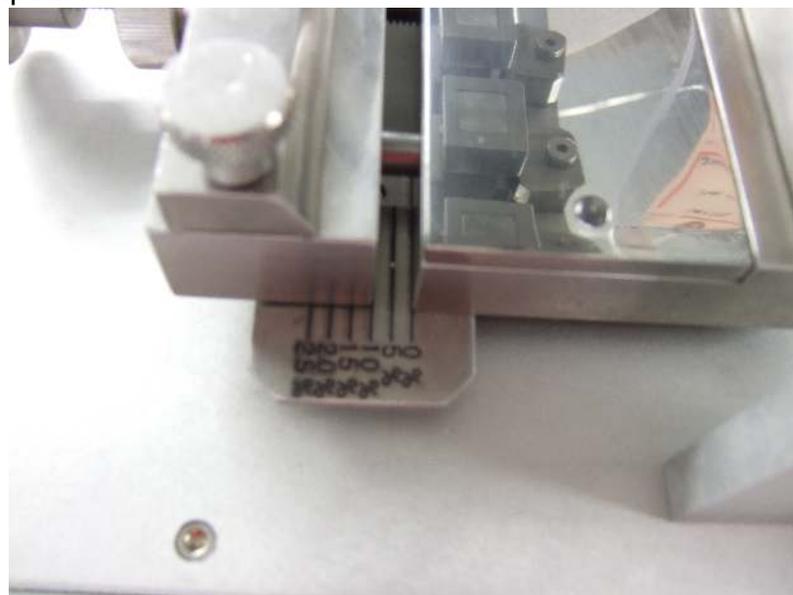
CONTROL PANEL FOR THE VESLIC TESTER  
EACH CONTROL IS LABELED FOR YOUR CONVENIENCE



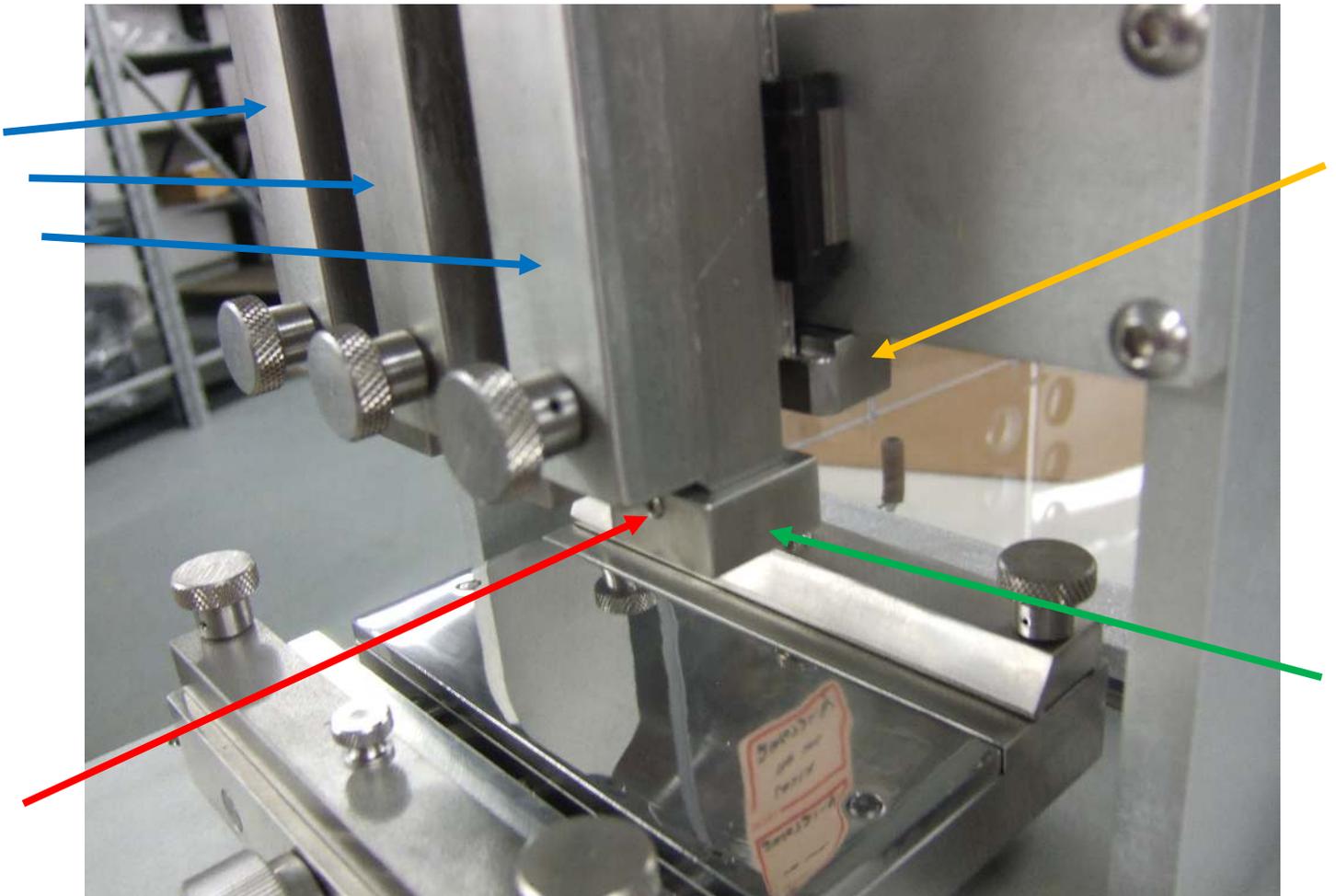
OPEN THE LID FULLY, ALLOWING IT TO REST ON THE SUPPORTS ON THE REAR OF  
THE TESTER



THIS IS THE SAMPLE MOUNTING AREA OF THE TESTER.  
THE **BLUE** ARROWS POINT TO THE TWO CLAMPING BARS WHICH HOLD THE SAMPLES  
THE **GREEN** ARROWS POINT TO THE FOUR KNOBS TO TIGHTEN THE CLAMP BARS  
THE **RED** ARROW POINTS TO THE LARGE KNOB FOR STRETCHING THE SAMPLE  
Note: the stretching section should be closed (touching the regular base plate) when the sample is installed and clamped.



THIS IS A CLOSE UP OF THE STRETCH GAGE. AFTER THE SAMPLES ARE INSERTED  
THE TESTER CAN BE ADJUSTED TO THE % STRETCH REQUIRED.



#### TESTER WEIGHTS AND THE FELT PAD MOUNTING

- THE **BLUE** ARROWS POINT TO THE WEIGHTS (SELECTED AS THE SPEC REQUIRES)
- THE **GREEN** ARROW POINTS TO ONE OF THE FELT PAD HOLDERS
- THE **RED** ARROW POINTS TO THE SET SCREW FOR ADJUSTING THE FELT PAD HOLDER HEIGHT.
- THE **ORANGE** ARROW POINTS TO THE HOLDER FOR THE WEIGHTS. THESE CAN BE TURNED OUT OF THE WAY FOR THE WEIGHTS TO THEN REST ON THE SAMPLES.

After the felt pads are mounted on the weights, each weight can be lowered onto the sample surface. Once all of the weights are lowered, the testing can begin.

You may need to use the JOG switch to adjust the position of the samples prior to starting the test.

## STARTING THE TEST

### MACHINE OPERATION:

- Plug the tester in the correct power source
- Turn on the main power switch, located on the control panel to the far right
- Set the counter to the desired number of cycles (see the counter set-up below)
- Make sure that the weights are all lowered onto the sample, that the correct weights are being used, the felt pads are installed, and the stretch of the sample is at the correct percent (%).
- Lower the clear plastic lid (NOTE: the tester will not run with the lid open as a safety precaution)
- Press the GREEN "Start" button to start the oscillating plate
- When the number of cycles is complete, the oscillating plate stops automatically
- The red button on the counter must be pushed before a new test can run.
- Pushing the red "OFF" button on the control panel stops the test at any time. The counter does not reset when you push the red "OFF" button. This is to allow you to examine samples during the test if needed.
- After the test is completed, remove and visually examine the samples

### COUNTER SET up

- Press the PROG button on the counter one time
- The arrow button cycles through the digits to be changed. Select each digit to be changed, and then make the required change for the cycle count desired.
- Press the up button for each digit to increase that digit to the next higher number. Continue pressing until the correct number is reached.
- When the correct cycle count is entered, press the PROG button again to save this new count in memory.
- If after the test you want to start a new test with the same cycle count, simply press the RESET key on the counter and it will reset the count so the test can begin.

## SPEED ADJUST



ON THE SIDE OF THE TESTER ARE TWO PLACES FOR SPEED ADJUSTMENT.

THE RUN AND JOG SPEEDS CAN BE ADJUSTED BY USING A SMALL SLOTTED SCREW DRIVER AND ADJUSTING THE POTENTIOMETER. ADJUST UNTIL THE DESIRED SPEED IS REACHED.