

IN FIELD CALIBRATION PROCEDURES FOR THE TIM-600 SERIES DIGITAL METER

Note: Due to various grades of oil and temperatures, every meter should be individually calibrated when installed.

	<ul style="list-style-type: none"> • Purge the system of air by dispensing fluid until the flow is full and steady. Use an accurate measuring container not less than 5 quarts. A glass beaker will give the most accurate reading. • During calibration dispense at the same flow used in normal dispensing. • Do not “choke” or “trickle” the flow to reach the exact volume. The correct technique is to stop and start at full flow as many times as needed to reach the exact value in the container.
	<ul style="list-style-type: none"> • Firmly press and release the blue RESET Button. Wait about 10 seconds. The word “reset” will disappear. This will zero out the reading. • Press and hold the red CAL button. • If these is the first time for calibration it will read CAL-FACT. • If calibration has been done before it will read CAL-USER.
	<ul style="list-style-type: none"> • Press and hold the RESET button until the display changes to “0.000” and the letters CAL FIELD appear. • Dispense 4 quarts of oil into your container. Start and stop the flow as needed to reach the appropriate level in the container.
	<ul style="list-style-type: none"> • Press and hold the RESET button until an arrow appears in the lower left hand corner of the display. It will read CAL Direct with an arrow pointing up. If the total is under 4 quarts use this setting. • If the total is over 4 quarts press and release the RESET button to get the arrow to point down. • The CAL button will move it in the direction you’ve chosen. • Press and hold the CAL button until the display reads “4.000” then release the button.
	<ul style="list-style-type: none"> • Press and hold the RESET button until CAL END appears. It will then show the new CAL setting which will be stored in the memory. After a few seconds the meter will change back to normal operation mode. The calibration process is now complete and the meter is ready to dispense product.