

RICH-MAR CORPORATION

MODEL 25/510/25M

Preventive Maintenance Procedure

Serial No. _____

Date _____

Visual Checks

- (1) Turn the unit on. Listen for the operation of the fan _____
- (2) Check the position of the knobs and tighten them. _____
- (3) Check for sticky meter by varying intensity slowly. _____
- (4) Check for stop on intensity pot on both top and bottom of pot. _____
- (5) Check the appearance of the overlay, meter face and case. _____
- (5) Verify that ALL LEDs are aligned with the corresponding window. _____
- (6) Verify that the green "Power On" LED illuminates. _____
- (7) Check for tightness of the transducer cables in the strain relief _____
- (8) Check for smooth operation of both bales. _____
- (9) Check for no operation when both bales are raised simultaneously. _____
- (10) Check for regulation. Change from 100% to 10%. At 10 watts on the 5 transducer the meter should not go above 11. At 20 watts on the 10 transducer the meter should not go above 22. _____
- (11) With output turned to maximum, turn the unit off. Turn it back on and note that the output is delayed for 1 second. (Check US Active light) _____
- (13) Check all pulse rates for output and that all yellow LEDs light. Verify that the US Active LED flashes proportionally. Check to see that there are no extra positions on the duty cycle switch. _____
- (14) Set timer for five minutes and see that treatment stops between 4 1/2 and 5 1/2 minutes. _____
- (15) Check all labeling and accessories. _____
- (16) Check line leakage for less than 50 Ua and record F _____ R _____ _____
- (17) Check calibration and operation at 108 VAC and 130 VAC _____

CALIBRATION: ALL READINGS ARE WITHIN 14%

MEASURE AND RECORD

2 cm Side			5 cm Side			10 cm Side		
MAX _____			MAX _____			MAX _____		
Set	Low	High	Set	Low	High	Set	Low	High
4.5	3.8	5.1	11	9.4	12.5	21	18.0	23.9
4	3.4	4.6	10	8.6	11.4	20	17.2	22.8
			7.5	6.5	8.6	15	12.9	17.1
			5	4.3	5.7	10	8.6	11.4
						5	4.3	5.7
UNIT ON 35% DUTY 5cm			10	3.0	4.0			
UNIT ON 35% DUTY 10cm			20	6.0	8.0			

All checks completed by _____