

RICH-MAR CORPORATION

MODEL V/X

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 regulation. Change from 100% to 10%. At 10 watts on the V the meter should not go above 11. _____
At 20 watts on the X the meter should not go above 22. _____
- (5) Turn the unit off. Turn it back on and note that the output is delayed for 1 second. (Check US Active light) _____
- (6) 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. _____
- (7) Set timer for five minutes and see that treatment stops between 4 1/2 and 5 1/2 minutes. _____
- (8) Check the appearance of the overlay, meter face and case. _____
- (9) Verify that ALL LEDs are aligned with the corresponding window. _____
- (10) Verify that the green "Power On" LED illuminates. _____
- (11) Check for tightness of the transducer cable in the strain relief _____
- (12) Check for smooth operation of the bale. _____
- (13) Check all four-rubber feet for security and lockwashers. _____
- (14) Check all labeling and accessories. _____
- (15) Check line leakage for less than 50 Ua and record F _____ R _____

CALIBRATION: ALL READINGS ARE WITHIN 14% MEASURE AND RECORD

RMV			RMX		
MAX _____			MAX _____		
Set	Low	High	Set	Low	High
11	9.4	12.5	21	18.0	23.9
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	10	3.0	4.0		
		UNIT ON 35% DUTY	20	6.0	8.0

- (17) Check calibration and operation at 108 VAC and 130 VAC _____
- (18) Check RF deck frequency and record _____
- (19) Check maximum voltage and record _____

All checks completed by _____