



YSI incorporated

1700/1725 Brannum Lane  
Yellow Springs OH 45387 USA  
tel: 937-767-7241 • fax: 937-767-9353



SonTek/YSI Inc.  
San Diego, CA

## Packing List

Page 1 of 7

Delivery Number	Packing Slip Number	Date Shipped
934244	YSI-307604	27-FEB-13
Shipped Via: FEDEX-Air-FedEx 2nd Day		

### CERTIFICATE OF COMPLIANCE

*This is to certify that the materials, processes and finished products were controlled, tested, and accepted in accordance with our quality system and the applicable specifications.*

Ron Geis  
Vice President & General Manager

#### SOLD TO

NATIONAL PARK SERVICE  
3100 NATIONAL PARK RD  
JUNEAU, AK 99801, United States

#### SHIP TO

NATIONAL PARK SERVICE  
3100 NATIONAL PARK RD  
JUNEAU, AK 99801, United States

PICKUP DATE	PAYMENT TERMS	FREIGHT TERMS	SR NUMBER	F.O.B	TAX NAME	TAX NO.	Supplier No.
27-FEB-13	Credit Card	Prepaid	296927	Shipping Point	Exempt		

ORDER LINE NO.	YSI ITEM NO.	ORDER NO.	CUSTOMER ITEM NO.	PO NO.	PO Line#	DESCRIPTION	HS NO.	UOM	QTY ORDERED	QTY SHIPPED	BACK ORDERED
10.1	R6920V2	644880		CREDITCARD		Repair, Model 6920V2 MODEL#6920V2 SN#08H100355	9801.10.0000	EA	1	1	0
						REPORTED SYMPTOM: ANNUAL MAINTENANCE ON ALL THREE UNITS.					
						TEST AND CALIBRATE BOARD, NO DEFECT FOUND.					
						TEST RTC BATTERY, NO DEFECT FOUND.					
						FIRMWARE UP TO DATE AT 3.10.					
						PERFORM CURRENT DRAW TEST.					
						PASSED SLEEP, IDLE AND RUN MODE TESTING.					
						TEST BULKHEAD FOR STRIPPED PORTS AND HIGH IMPEDANCE LEAKAGE. NO DEFECT FOUND.					
						TEST BCR CONNECTOR AND BATTERY COMPARTMENT. ALL 8 BATTERIES WERE READING .47 VOLTS. ALWAYS TEST THE BATTERIES TO REMOVE THEM WHEN					

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						<p>THEY ARE LOW VOLTAGE. THE LOWER THE VOLTAGE THE MORE LIKELY THEY ARE TO LEAK. THESE BATTERIES HAD BEGUN TO LEAK ACID AT THE BASE OF FOUR OF THE BATTERIES.</p> <p>TEST CONDUCTIVITY/TEMPERATURE PROBE(SN#10F100521) TEMPERATURE READS 21.30°C IN A 21.3°C BATH WITH A CELL CONSTANT OF 4.87809. CONDUCTIVITY CELL CONSTANT AFTER CALIBRATION.</p> <p>TEST PH PROBE(SN#10E ) PH MILIVOLTS OUT OFRANGE. . READINGS BELOW: 7: -35 MV 10:-201 MV PH MILIVOLTS OUT OF RANGE.</p> <p>REPLACE PH PROBE WITH PART#006561, LOT#13A. TEST DEPTH SENSOR. N/A TEST DO PROBE/ NO RAPID PULSE DO PROBE INSTALLED. REPLACE ALL O-RINGS. FINAL TEST, MEETS YSI SPECIFICATIONS.</p>								
12.1	R6150	644880		CREDITCA	RD	<p>Repair, Model 6150</p> <p>6150 ROX ODO PROBE SN#08H101102</p> <p>REPORTED SYMPTOM:PREVENTIVE MAINTENANCE ON ALL THREE UNITS/ NONE SPECIFIC TO PROBE.</p> <p>TEST AND CALIBRATE PROBE. ALL UPDATES IN PLACE REPLACE QUAD SEAL. REPLACE O-RINGS. REPLACE MEMBRANE WITH PART#606155, LOT#13B100286.(MEMBRANE IS 22 MONTHS OLD AND HAS MISSING PAINT. ) TEST WIPER FUNCTION, NO DEFECT</p>	9801.10.0000	EA	1	1	0			

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						FOUND. PROBE READS:100.0% IN AERATED BATH. FINAL TEST, MEETS YSI SPECIFICATIONS.					
14.1	R6136	644880		CREDITCA	RD	Repair, Model 6136  6136 TURBIDITY PROBE SN#10C101561  REPORTED SYMPTOM:PREVENTIVE MAINTENANCE ON ALL THREE UNITS/NONE SPECIFIC TO PROBE.  TEST AND CALIBRATE PROBE. ALL UPDATES IN PLACE REPLACE QUAD SEAL REPLACE O-RINGS. TEST WIPER FUNCTION, NO DEFECT FOUND. PROBE READS:121.2 NTU IN 126 STANDARD ON THE UNCAL. FINAL TEST, MEETS YSI SPECIFICATIONS.	9801.10.0000	EA	1	1	0
2.1	R6920V2	644880		CREDITCA	RD	Repair, Model 6920V2  MODEL#6920V2 SN#08H100353  REPORTED SYMPTOM:ANNUAL MAINTENANCE ON ALL THREE UNITS.  TEST AND CALIBRATE BOARD, NO DEFECT FOUND. TEST RTC BATTERY, NO DEFECT FOUND. FIRMWARE UP TO DATE AT 3.10. PERFORM CURRENT DRAW TEST. PASSED SLEEP, IDLE AND RUN MODE TESTING. TEST BULKHEAD FOR STRIPPED PORTS AND HIGH IMPEDANCE LEAKAGE. NO DEFECT FOUND. TEST BCR CONNECTOR AND BATTERY COMPARTMENT. ALL 8 BATTERIES HAD DIFFERENT	9801.10.0000	EA	1	1	0

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Page 4 of 7

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4.1	R6150	644880		CREDITCARD		VOLTAGES. NEVER MIX AND MATCH BATTERIES AND ALWAYS TEST THE BATTERIES TO REMOVE THEM WHEN THEY ARE LOW VOLTAGE. THE LOWER THE VOLTAGE THE MORE LIKELY THEY ARE TO LEAK. THESE BATTERIES HAD BEGUN TO LEAK ACID AT THE BASE OF FOUR OF THE BATTERIES. TEST CONDUCTIVITY/TEMPERATURE PROBE(SN#08C100604) TEMPERATURE READS 21.21°C IN A 21.5°C BATH/THERMISTOR IS OUT OF SPECIFICATION AND WILL NEGATIVELY EFFECT ALL OTHER PARAMETERS. REPLACE CONDUCTIVITY/TEMPERATURE PROBE WITH PART#006560. **CUSTOMER HAS A NEW C/T PROBE IN STOCK WILL REPLACE HIMSELF. WILL DO FINAL TEST WITH MY "GOLDEN" C/T THEN REMOVE AND PLUG THE PORT SO THAT THE NEED FOR A NEW ONE IS NOT OVERLOOKED. TEST PH PROBE(SN#10H ) PH MILIVOLT READINGS WITH NEW PROBE BELOW: 7: -0.1 MV 10: -178.03 MV 4: 174.3 MV SLOPE: 177.9 MV REPLACE PH PROBE WITH PART#006561, LOT#13A. TEST DEPTH SENSOR. N/A TEST DO PROBE/ NO RAPID PULSE DO PROBE INSTALLED. REPLACE ALL O-RINGS. FINAL TEST, MEETS YSI SPECIFICATIONS. TESTED WITH MY "GOLDEN" C/T PROBE. NEEDS TO HAVE NEW C/T PROBE INSTALLED.	9801.10.0000	EA	1	1	0
						6150 ROX ODO PROBE					

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						SN#08H101103					
						REPORTED SYMPTOM:PREVENTIVE MAINTENANCE ON ALL THREE UNITS/ NONE SPECIFIC TO PROBE.					
						TEST AND CALIBRATE PROBE. ALL UPDATES IN PLACE REPLACE QUAD SEAL. REPLACE O-RINGS. REPLACE MEMBRANE WITH PART# 606155(MEMBRANE IS 22 MONTHS OLD)CUSTOMER HAS ONE IN STOCK AND WILL REPLACE THEMSELVES. REMOVED FROM ESTIMATE. TEST WIPER FUNCTION, NO DEFECT FOUND. PROBE READS:97.8% IN AERATED BATH. FINAL TEST, NEEDS NEW MEMBRANE.					
6.1	R6920V2	644880		CREDITCA	RD	Repair,Model 6920V2	9801.10.0000	EA	1	1	0
						MODEL#6920V2 SN#08H100354					
						REPORTED SYMPTOM:ANNUAL MAINTENANCE ON ALL THREE UNITS.					
						TEST AND CALIBRATE BOARD, NO DEFECT FOUND. TEST RTC BATTERY, NO DEFECT FOUND. FIRMWARE UP TO DATE AT 3.10. PERFORM CURRENT DRAW TEST. PASSED SLEEP, IDLE AND RUN MODE TESTING. TEST BULKHEAD FOR STRIPPED PORTS AND HIGH IMPEDANCE LEAKAGE. NO DEFECT FOUND. TEST BCR CONNECTOR AND BATTERY COMPARTMENT. BATTERIES DEAD AND CORRODED. ALWAY TEST THE BATTERIES TO REMOVE THEM WHEN THEY ARE LOW VOLTAGE. THE LOWER THE VOLTAGE THE MORE LIKELY THEY ARE TO					

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8.1	R6150	644880		CREDITCARD		<p>LEAK. THESE BATTERIES HAD BEGUN TO LEAK ACID AT THE BASE OF FOUR OF THE BATTERIES. MINOR CONTAMINATION ON THE METAL RING BATTERY TERMINAL INSIDE THE BATTERY COVER. SANDED AND CLEANED UP. NO FURTHER DEFECT FOUND. TEST CONDUCTIVITY/TEMPERATURE PROBE(SN#08C100604) TEMPERATURE READS 22.10°C IN A 22.4°C BATH/THERMISTOR IS OUT OF SPECIFICATION AND WILL NEGATIVELY EFFECT ALL OTHER PARAMETERS. REPLACE CONDUCTIVITY/TEMPERATURE PROBE WITH PART#006560, LOT#13A100461. TEST PH PROBE(SN#11H)ALTHOUGH THIS PROBE IS 18 MONTHS OLD IT IS STILL WITHIN YSI SPECIFICATIONS.READINGS BELOW: 7: -19.4 MV 10: -200.9 MV 4: 154.3 MV SLOPE:177.5 MV. TEST DEPTH SENSOR. N/A TEST DO PROBE/ NO RAPID PULSE DO PROBE INSTALLED. REPLACE ALL O-RINGS. PRESSURE TEST SONDE. FINAL TEST, MEETS YSI SPECIFICATIONS.</p> <p>Repair, Model 6150</p> <p>6150 ROX ODO PROBE SN#11E101714</p> <p>REPORTED SYMPTOM:PREVENTIVE MAINTENANCE ON ALL THREE UNITS/ NONE SPECIFIC TO PROBE.</p> <p>TEST AND CALIBRATE PROBE. ALL UPDATES IN PLACE REPLACE QUAD SEAL. REPLACE O-RINGS.</p>	9801.10.0000	EA	1	1	0

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						REPLACE MEMBRANE WITH PART#606155LOT#13B100286.MEMBRANE (MEMBRANE IS 20 MONTHS OLD) TEST WIPER FUNCTION, NO DEFECT FOUND. PROBE READS:100.0% IN AERATED BATH. FINAL TEST, MEETS YSI SPECIFICATIONS.					
GROSS WEIGHT(LB):		18.00	NET WEIGHT (LB):		18.00	VOLUME(CC):	0	TOTAL CARTONS: 0			

ADDITIONAL INFO: 557373032697

ADDITIONAL NOTE:

Tracking Number:



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