



Air Quality Instruments
GAS ANALYZER TEST CERTIFICATION

Rev. # 3.0

INSTRUMENT MODEL: 49i-B3ZAA

DATE TESTED: 3/29/2018

INSTRUMENT SERIAL#: 1180190002

TEST OPERATOR: Dave Paddock

FINAL QC: 

BASIC INSTRUMENT INFORMATION:

Instrument Application Software Ver.	49i 02.02.06.291+	PASS
Bench Pressure (mmHg)	761	PASS
Sample Flow Cell A(L/Min)	0.7	PASS
Sample Flow Cell B(L/Min)	0.706	PASS
Bench Temperature (Degrees C)	31.8	PASS
Bench Lamp Temperature (Degrees C)	53.4	PASS
Averaging Time (Sec)	60	PASS
Span Coefficient	1.028	PASS
Cell A Balance Test	500.74	PASS
Cell B Balance Test	498.62	PASS
Linearity Test at 800 ppb of O3(ppb)	800.15	PASS
Linearity Test at 400 ppb of O3(ppb)	399.67	PASS
Linearity Test at 200 ppb of O3(ppb)	199.71	PASS
Linearity Test at 0 ppb of O3(ppb)	-0.02	PASS
Zero Noise (std dev in ppb)	0.21	PASS
Zero Drift (ppb)	-0.07	PASS
Span Noise(std dev in ppb)	1.81	PASS
Span Drift (ppb)	2.28	PASS

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49i SHIPPING CHECKLIST

Customer AIR MONITORS CO # 381794
Model Code 49i-B3ZAA Date 3/29/18

BASE SYSTEM CONFIGURATION- 49i-MODEL
STANDARD PARTS THAT SHIP WITH ALL BASE SYSTEMS

<u>PART #</u>	<u>DESCRIPTION</u>	<u>QTY</u>
<input type="checkbox"/> 4737	Warranty Card	1
<input checked="" type="checkbox"/> 5512-1	1/4" Teflon Tubing cut 10'	1
<input checked="" type="checkbox"/> 102637-00	Block, Foam, Mother Board (see Fig. 1)	1
<input checked="" type="checkbox"/> 102409-00	Screw 6-32x3/4 PH Pan HD sems w/ext TTH L/W (see Fig. 3)	3
<input checked="" type="checkbox"/> 102888-00	DB37F Terminal Board PCB Assy	1
<input checked="" type="checkbox"/> 102891-00	DB37M Terminal Board PCB Assy	1
<input checked="" type="checkbox"/> 108865-49	49i Certification Sheet	1
<input checked="" type="checkbox"/> 111919-00	Instruction, Remove screws for pump	1
<input checked="" type="checkbox"/> 5732	Ex,Label Remove tie to rear bulkhead	1

ADDITIONAL PARTS THAT SHIP WITH THE FOLLOWING MODEL CODES

49i-A....		
<input type="checkbox"/> 101349-00	Power cord 110V	1
49i-B....		
<input checked="" type="checkbox"/> 8926	Power cord 220V	1
49i-E....		
<input type="checkbox"/> 101349-00	Power cord 110V	1
49i-J....		
<input type="checkbox"/> 101349-00	Power cord 110V	1
49i-D....		
<input type="checkbox"/> 107315-00	Power cord 220V (China)	1
49i-P....		
<input type="checkbox"/> 8926	Power cord 220V	1
49i-A.Z..		
<input type="checkbox"/> 102464-01	External Pump (110v)	1
<input type="checkbox"/> 4291	Charcoal Scrubber	1
<input type="checkbox"/> 5496	Silastic Tubing	3'
<input type="checkbox"/> 4314	Filter Element	1
<input type="checkbox"/> 4326	Filter Holder	1

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49i-B.Z..

<input checked="" type="checkbox"/>	102464-02	External Pump (220v)	1
<input checked="" type="checkbox"/>	4291	Charcoal Scrubber	1
<input checked="" type="checkbox"/>	5496	Silastic Tubing	3'
<input checked="" type="checkbox"/>	4314	Filter Element	1
<input checked="" type="checkbox"/>	4326	Filter Holder	1

49i-E3C..

<input type="checkbox"/>	102464-01	External Pump (110v)	1
<input type="checkbox"/>	102774-00	AC Adapter	1
<input type="checkbox"/>	4291	Charcoal Scrubber	1
<input type="checkbox"/>	5496	Silastic Tubing	3'
<input type="checkbox"/>	4314	Filter Element	1
<input type="checkbox"/>	4326	Filter Holder	1
<input type="checkbox"/>	Does not include CE certification		

49i-D.Z..

<input type="checkbox"/>	102464-03	External Pump (220v China)	1
<input type="checkbox"/>	4291	Charcoal Scrubber	1
<input type="checkbox"/>	5496	Silastic Tubing	4'
<input type="checkbox"/>	4314	Filter Element	1
<input type="checkbox"/>	4326	Filter Holder	1

49i-P4S..

<input type="checkbox"/>	4291	Charcoal Scrubber	1
<input type="checkbox"/>	5496	Silastic Tubing	3'
<input type="checkbox"/>	4314	Filter Element	1
<input type="checkbox"/>	4326	Filter Holder	1
<input type="checkbox"/>	109792-00	Addendum, Manual	1

49i-...A

<input checked="" type="checkbox"/>	102636-00	Block, Foam, Digital Board (see Fig. 1)	1
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49i-...C.

<input type="checkbox"/>	102638-00	Block, Foam, I/O Board (see Fig. 2)	1
<input type="checkbox"/>	103084-00	DB25M Terminal Board PCB Assy	1

49i-....A

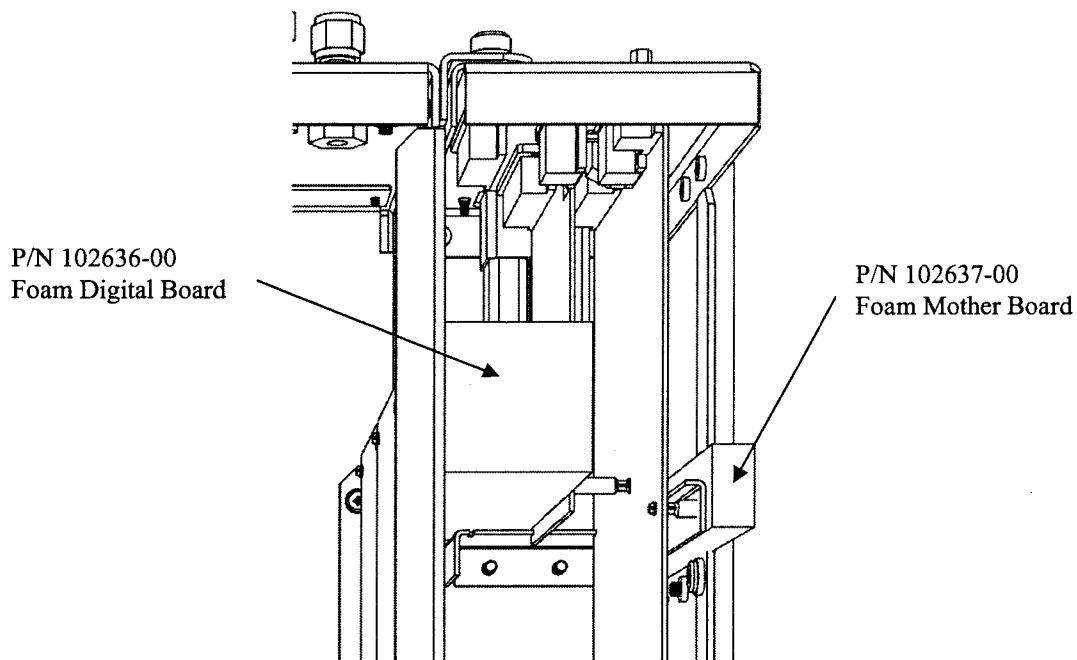
<input checked="" type="checkbox"/>	101285-00	Ears & Handles, Bench	1
<input checked="" type="checkbox"/>	101286-00	Ears & Handles, EIA Assy	1

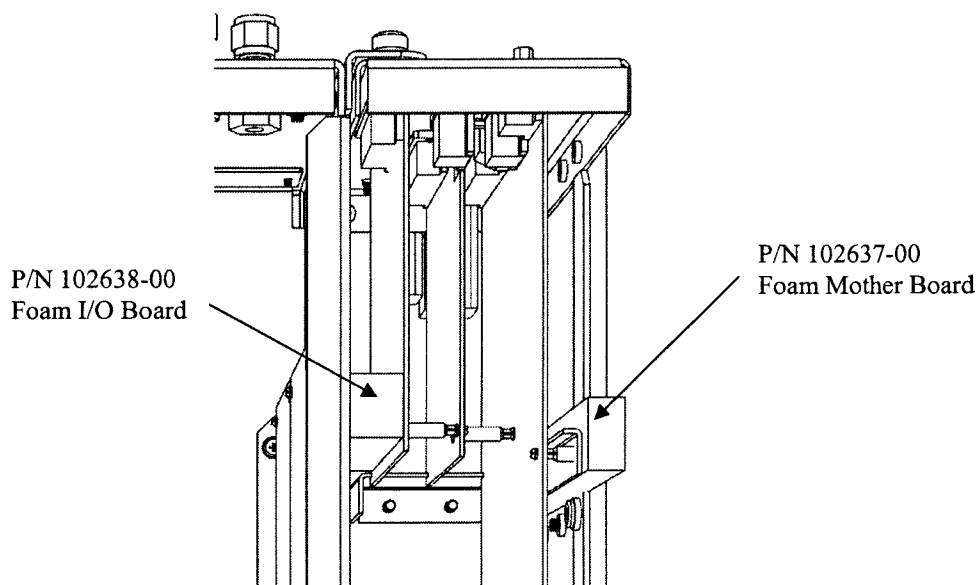
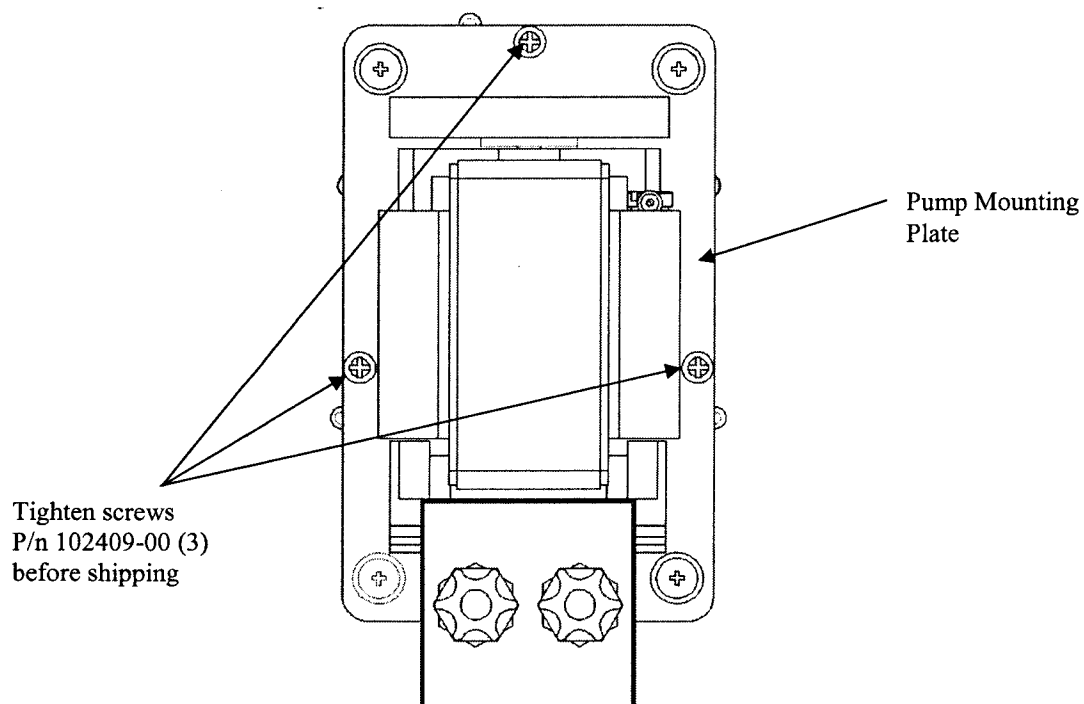
49i-....B

<input type="checkbox"/>	101286-00	Ears & Handles, EIA Assy	1
<input type="checkbox"/>	101285-00	Ears & Handles, Bench	1

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- | | |
|------------------------------------|---------------------------------|
| <input type="checkbox"/> 102701-00 | Teflon Particulate Filter |
| <input type="checkbox"/> 5225 | Rack Mounts |
| <input type="checkbox"/> 5235 | Rear Extender |
| <input type="checkbox"/> 102556-00 | Terminal Block & Cable, 37 Pin |
| <input type="checkbox"/> 102562-00 | Terminal Block & Cable, 25 Pin |
| <input type="checkbox"/> 102645-00 | Cable, DB37M to open end, 6' LG |
| <input type="checkbox"/> 102646-00 | Cable, DB37F to open end, 6' LG |
| <input type="checkbox"/> 102659-00 | Cable, DB25M to open end, 6' LG |
| <input type="checkbox"/> 6279 | RS-232 Cable |
| <input type="checkbox"/> 101287-00 | Ears & Handles, Retrofit Assy |

**Figure 1**

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部件名称 Part Name	有毒和危险品 Toxic and Hazardous Substances or Elements					
Model 49i (Family)	铅 (Pb)	水银 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴化苯 (PBB)	多溴化二苯醚 (PBDE)
印刷电路板 (PCBs)	X	○	○	○	○	○
机电配件 (Electro- mechanical parts)	○	○	○	○	○	○
光学 (Optics)	○	○	○	○	○	○
电缆和电线(Cables & Wires)	○	○	○	○	○	○
金属部件 (Metal Parts)	X	○	○	○	○	○
塑料零件 (Plastic parts)	○	○	○	○	○	○
电池 (Batteries)	○	○	○	○	○	○
显示 (Display)	X	○	○	○	○	○

本表格依据 SJ/T 11364 的规定编制

○ = 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572规定的限量要求以下(indicates that the content of the toxic and hazardous substance in all the Homogeneous Materials of the part is below the concentration limit requirement as described in GB/T 26572).

X = 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572规定的限量要求 (indicates that the content of the toxic and hazardous substance in at least one Homogeneous Material of the part exceeds the concentration limit requirement as described in GB/T 26572).