



Air Quality Instruments Div. GAS ANALYZER TEST CERTIFICATION

Rev. # NA

INSTRUMENT MODEL: 42iY-BNMSPAA

INSTRUMENT SERIAL#: 1180190001 DATE TESTED: 3/20/2018

TEST OPERATOR: Test Manager

FINAL QC:

BASIC INSTRUMENT INFORMATION:

Analyzer Application Software Ver.:	iSeries 42iNOy 02.02.05.432+*
Bench Pressure (mmHg):	283.400 mm Hg*
Sample flow (LPM):	1.247 l/min*
Internal Temperature (Degrees C):	32.300 deg C, actual 32.3*
Bench Temperature (Degrees C):	50.200 deg C*
NO Zero Background (ppb):	0.500 0.5 ppb*
NOy Zero Background (ppb):	0.600 0.6 ppb*
Pre-Reactor Zero Background (ppb):	0.500 0.5 ppb*
NO Span Coefficient:	0.976
NOy Span Coefficient:	1.005
DIF Span Coefficient - Converter Eff.:	0.992
Current Averging Time (secs.):	60 sec*
DIF Span Range:	2.000E+02 ppb*
NOy Span Range:	2.000E+02 ppb*
NO Span Range:	2.000E+02 ppb*
PMT Power Supply Set Point (Volts):	-997.2

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42iY SHIPPING CHECKLIST

Customer APR MONITOR CO # 381794
 Model Code 42iY-BNMSPA Date 3/23/18

BASE SYSTEM CONFIGURATION- 42iY-MODEL
STANDARD PARTS THAT SHIP WITH ALL BASE SYSTEMS

<u>PART #</u>	<u>DESCRIPTION</u>	<u>QTY</u>
<input checked="" 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"/> 102888-00	DB37F Terminal Board PCB Assy	1
<input checked="" type="checkbox"/> 102891-00	DB37M Terminal Board PCB Assy	1
<input checked="" type="checkbox"/> 4206	1/4" PFA Tubing	1
<input checked="" type="checkbox"/> 4198	Power Cord	1
<input checked="" type="checkbox"/> 103494-00	3 Conductor Cord	1
<input checked="" type="checkbox"/> 4189	3/4" Conduit	50'
<input checked="" type="checkbox"/> 4190	1/2" Conduit	50'
<input checked="" type="checkbox"/> 103261-00	Outlet Cable	50'
<input checked="" type="checkbox"/> 103005-00	Adapter Board	1
<input checked="" type="checkbox"/> 103458-00	Assy By Pass Pump w/Flowmeters	1
	Above Assy has Power Cord P/N 102182-00 Q-ty 1	
	Above Assy has Screws 6-32 X 3/4 Pan Hd Q-ty 3	
	P/N 102409-00 (see Fig. 3)	
<input checked="" type="checkbox"/> 102983-00	Nema Box Converter Assy	1
<input checked="" type="checkbox"/> 102774-00	AC Adapter	1
<input checked="" type="checkbox"/> 102701-00	Teflon Filter Kit	2
<input checked="" type="checkbox"/> 108865-00	42iY 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

42iY-A.....

<input type="checkbox"/> 64P7113-1	Pump, 120V / 60 HZ	1
<input type="checkbox"/> 101349-00	Power cord 110V	1

42iY-B.....

<input checked="" type="checkbox"/> 64P7113-2	Pump, 220V / 50 HZ	1
<input checked="" type="checkbox"/> 8926	Power cord 220V	1

42iY-C.....

<input type="checkbox"/> 64P7113-3	Pump, 220V / 60 HZ	1
<input type="checkbox"/> 8926	Power cord 220V	1

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42iY-E.....

- ☐ 64P7113-4 Pump, 120V / 50 HZ 1
- ☐ 101349-00 Power cord 110V 1

42iY-J.....

- ☐ 64P7113-5 Pump, 100V / 50-60 HZ 1
- ☐ 101349-00 Power cord 110V

42iY-D.....

- ☐ 64P7113-6 Pump, 220V / 50 HZ 1
- ☐ 107315-00 Power cord 220V China 1

42iY-....D..

- ☐ 4293 Drierite Scrubber 1

42iY-....A.

- ☒ 102636-00 Block, Foam, Digital Board (see Fig. 1) 1

42iY-....C.

- ☐ 103084-00 DB25M Terminal Board Assy 1
- ☐ 102638-00 Block, Foam, I/O Board (see Fig. 2) 1

42iY-....A

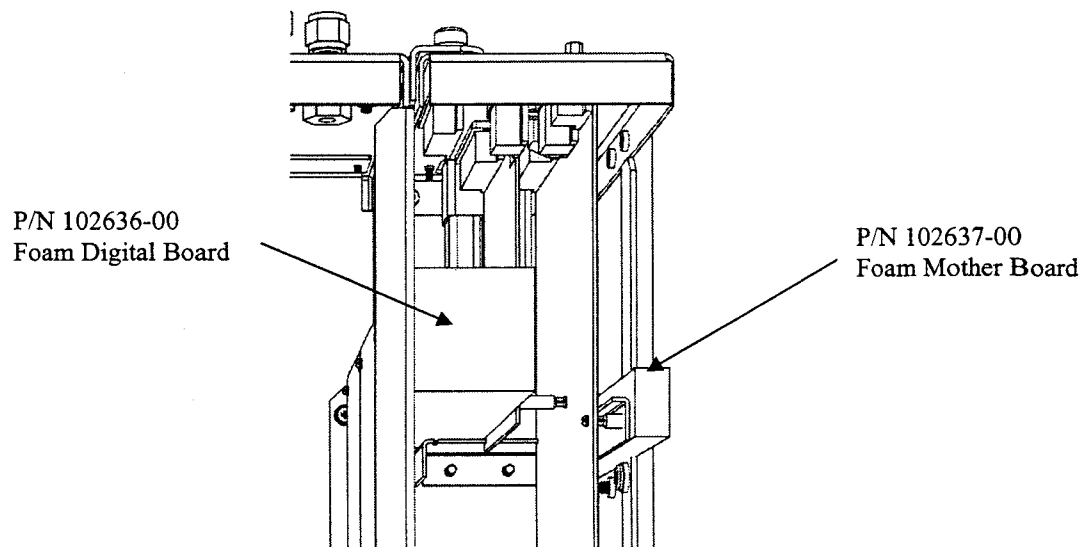
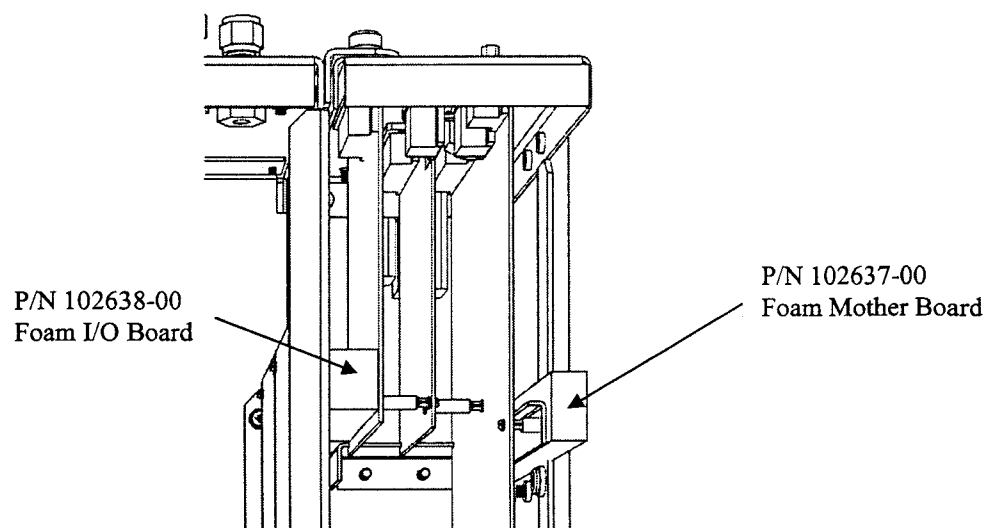
- ☒ 101285-00 Ears & Handles, Bench 1
- ☒ 101286-00 Ears & Handles, EIA Assy 1

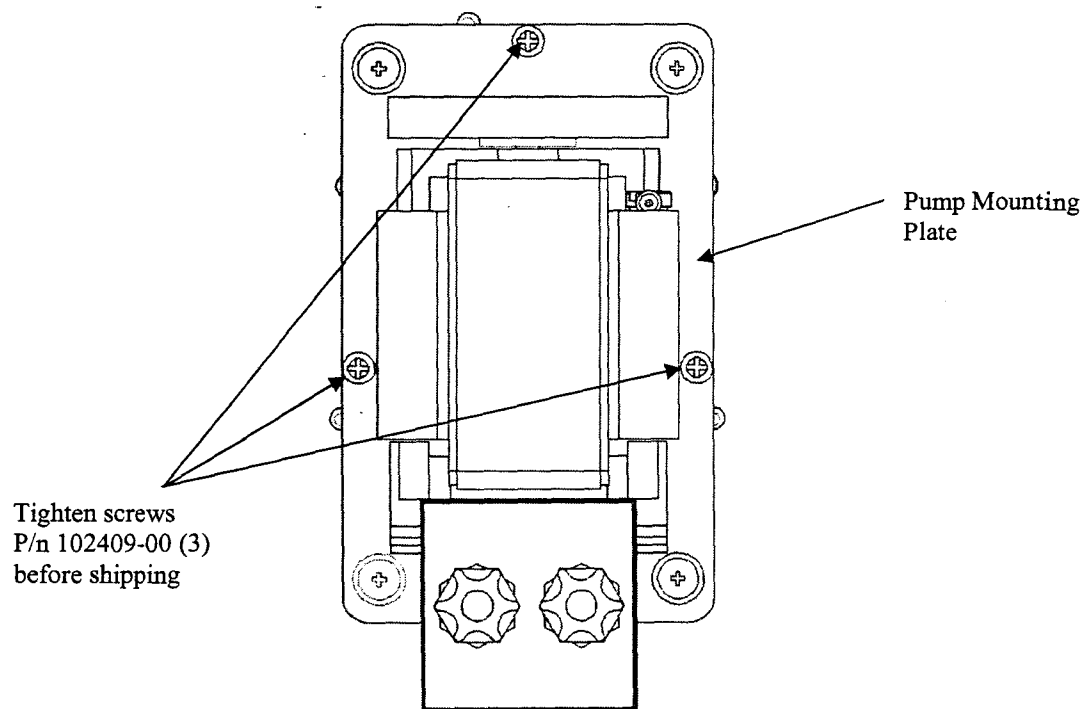
42iY-....B

- ☐ 101286-00 Ears & Handles, EIA Assy 1
- ☐ 101285-00 Ears & Handles, Bench 1

OPTIONS THAT ARE ORDERED AS SEPARATE LINE ITEMS

- ☐ 60110 Ozone Particulate Filter
- ☐ 5225 Rack Mounts
- ☐ 5235 Rear Extender
- ☐ 102556-00 Terminal Block & Cable, 37 Pin
- ☐ 102562-00 Terminal Block & Cable, 25 Pin
- ☐ 102645-00 Cable, DB37M to open end, 6' LG
- ☐ 102646-00 Cable, DB37F to open end, 6' LG
- ☐ 102659-00 Cable, DB25M to open end, 6' LG
- ☐ 6279 RS-232 Cable
- ☐ 101287-00 Ears & Handles, Retrofit Assy

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部件名称 Part Name	有毒和危险品 Toxic and Hazardous Substances or Elements					
Model 42i (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	O	O	O	O	O
机电配件 (Electro- mechanical parts)	O	O	O	O	O	O
电缆和电线(Cables & Wires)	O	O	O	O	O	O
金属部件 (Metal Parts)	X	O	O	O	O	O
塑料零件 (Plastic parts)	O	O	O	O	O	O
电池 (Batteries)	O	O	O	O	O	O
显示 (Display)	X	O	O	O	O	O

本表格依据 SJ/T 11364 的规定编制

O = 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).