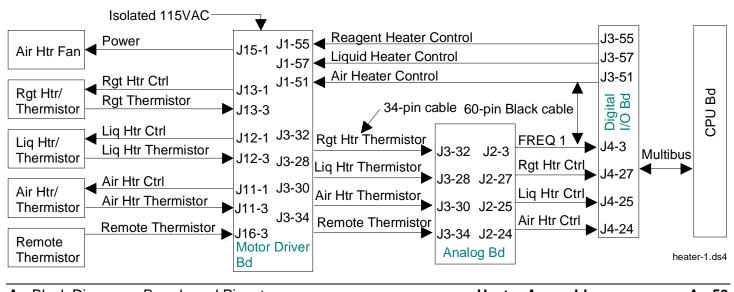
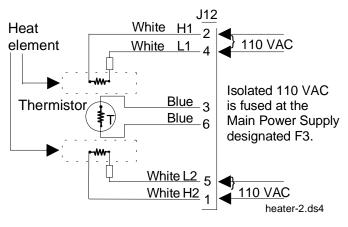
Heater Assembly (pg 1 of 5) Signal Pathways



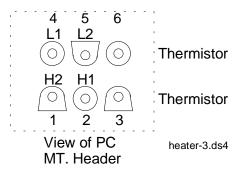


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|------|---------|----------------------|--------------------|-------------------|-------|

Heater Assembly (pg 2 of 5)



| heater | approx. 320 Ω |
|------------|-------------------|
| heater | approx. 320 Ω |
| thermistor | approx. 100 KΩ at |
| | room temperature |
| | heater |



| _ | block blagfams, boards and i modis |
|---|---|
| | LCx [®] Analyzer Service Manual (Text P/N 47278-102) |

Block Diagrams Boards and Pinouts

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Heater Assembly

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Heater Assembly (pg 3 of 5) Connector Pin Callouts

From Air Heater (Air Htr) Assy to Motor

| From | То | Wire | Remarks | Color |
|---------|--------|------|------------|-------|
| Air Htr | Motor | # | | |
| P11 - 1 | J11 -1 | 1 | Heater | Red |
| P11 - 2 | J11 -2 | 2 | Heater | Red |
| P11 - 3 | J11 -3 | 3 | Thermistor | Brown |
| P11 - 4 | J11 -4 | 4 | Thermistor | Brown |

From Liquid Heater (Liq Htr) Assy to Motor

| From | То | Wire | Remarks | Color |
|---------|--------|------|---------|-------|
| Liq Htr | Motor | # | | |
| P12 - 1 | J12 -1 | 6 | H2 | White |
| P12 - 2 | J12 -2 | 5 | H1 | White |
| P12 - 3 | J12 -3 | 3 | Т | Blue |
| P12 - 4 | J12 -4 | 1 | L1 | White |
| P12 - 5 | J12 -5 | 2 | L2 | White |
| P12 - 6 | J12 -6 | 4 | Т | Blue |

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| Signal |
|---------|
| Pathway |

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Heater Assembly (pg 4 of 5) Connector Pin Callouts (cont)

Remote Thermistor (Rem Therm) to Motor

| From Rem | To Motor | Wire | Color |
|----------|----------|------|-------|
| Therm | | # | |
| P16 - 1 | J16 -1 | 1 | |
| P16 - 2 | J16 -2 | 2 | |
| P16 - 3 | J16 -3 | 3 | Green |
| P16 - 4 | J16 -4 | 4 | Green |
| P16 - 5 | J16 -5 | 5 | |

Remote Thermistor: Analog Bd to Sensors

| From Analog Bd | То | Wire # | Color |
|-------------------|------------------|-----------|-------|
| J1 - 12 | Sensor | 1 | Black |
| J1 - 13 | Sensor | 2 | Green |
| J1 - 25 | Pot Pin 3/Sensor | 3 | White |
| J1 - 26 | Pot Pin 1/Sensor | 4 | Red |

| Α | Block Diagrams, Boards and Pinouts | Heater Assembly | A - 53 |
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Heater Assembly (pg 5 of 5) Connector Pin Callouts (cont)

<u>From Reagent Receiver/Heater Block (RR/HB)</u> <u>to Motor and LLS Board</u>

| From | To Motor | Wire | Remarks | Color |
|---------|---------------|------|------------|--------|
| RR/HB | | # | | |
| P13 - 1 | Dig I/O J13-1 | 1 | Thermostat | Purple |
| P13 - 2 | Dig I/O J13-2 | 2 | Heater | Black |
| P13 - 3 | Dig I/O J13-3 | 3 | Thermistor | Green |
| P13 - 4 | Dig I/O J13-4 | 4 | Thermistor | Green |
| P5 - 1 | LLS Bd -NC- | 5 | Receiver | NC |
| P5 - 2 | LLS Bd P5-2 | 6 | Receiver | coax |
| P5 - 3 | LLS Bd P5-3 | 7 | Receiver | coax |

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