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## *Dionex AS50*

### Electrical

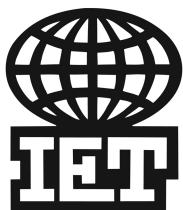
<b>Main Power</b>	100 Vac to 240 Vac, 50/60 Hz; 6 amps. The AS50 power supply is main voltage auto-sensing and requires no adjustment.
<b>Fuses</b>	Two 3.15 amp fast-blow IEC127 fuses (P/N 954745)
<b>Environmental/Physical</b>	
<b>Ambient Operating Temperature</b>	10 °C to 40 °C (50 °F to 104 °F)
<b>Operating Humidity</b>	10% to 95% relative humidity, non-condensing
<b>Decibel Level</b>	<60 db (at "A WEIGHING" setting)
<b>Dimensions</b>	58 cm high x 30 cm wide x 46 cm deep (23 in x 12 in x 19 in)
<b>Weight</b>	< 30 kg (< 65 lb)
<b>Valves (Optional)</b>	
<b>Injection</b>	Two-position, six-port, electrically-activated Rheodyne valve IC version: PEEK with Tefzel® rotor seal HPLC version: Stainless steel with Vespel® rotor seal
<b>Column Switching</b>	Two-position, ten-port, electrically-activated Rheodyne valve IC version: PEEK with Tefzel rotor seal HPLC version: Stainless steel with Vespel rotor seal
<b>Injection</b>	
<b>Injections Per Vial</b>	1 to 99
<b>Vial Sizes Available</b>	0.3 mL polymer vials (P/N 055428, package of 100) 1.5 mL glass vials (P/N 055427, package of 100) 10 mL PolyVials (P/N 055058, package of 100)
<b>Variable Volume Range</b>	1 to 100 µL in 0.1 µL increments 100 to 1000 mL in 1 µL increments
<b>Injection Loop Size</b>	IC version: 25 µL standard; other sizes are available HPLC version: 20 µL standard; other sizes are available

### Sample Temperature Control Unit (Optional)

<b>Temperature Control Range</b>	4 °C to 60 °C in 1 °C increments at 24 °C (75 °C) ambient, stable to $\pm 0.2$ °C
<b>Operating Humidity</b>	5% to 90% relative humidity, noncondensing Cooling capacity is slightly reduced at high humidity
<b>Dimensions (Sample Temp. + Autosampler)</b>	65 cm high x 30 cm wide x 46 cm deep (2.75 in x 12 in x 19 in)
<b>Weight (Sample Temp. + Autosampler)</b>	<38 kg (<81 lb)
<b>Chromatography Compartment (Optional)</b>	
<b>Dimensions</b>	50 cm high x 17.5 cm wide x 40 cm deep (20 in x 7 in x 16 in)
<b>Weight</b>	9 kg (20 lb)

### Thermal Compartment (Optional)

<b>Dimensions</b>	50 cm high x 17.5 cm wide x 40 cm deep (20 in x 7 in x 16 in)
<b>Weight</b>	18 kg (40 lb)
<b>Temperature Control Range (IC Mode)</b>	10 °C to 40 °C in 1 °C increments, stable to $\pm 0.2$ °C
<b>Temperature Control Range (HPLC Mode)</b>	10 °C to 80 °C in 1 °C increments, stable to $\pm 0.2$ °C
<b>Ambient Operating Temperature</b>	10 °C to 40 °C (50 °F to 104 °F)
<b>Delay Volume</b>	< 100 $\mu$ L



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