

# 4100 Specifications

<b>Purge-and-Trap Compatibility</b>	Operates with one or two Eclipse 4660 instruments
<b>Sample Capacity</b>	100 standard USEPA 40-mL VOA Vials
<b>Sample Loop</b>	5mL standard loop, 10 or 25 mL loops optional
<b>Automated Standard Addition</b>	(2) 3mL reservoirs standard, expansion to (4) optional
<b>Sampling Mode - Water</b>	Aspiration and transfer to purge-and-trap instrument sparge vessel
<b>Sampling Mode - Soil</b>	In-vial needle sparging and transfer to trap of purge-and-trap instrument
<b>Sample Transfer Pathway - Water Samples</b>	Silcosteel® 316L stainless steel and PEEK®
<b>Sample Transfer Pathway - Soil Samples</b>	Silcosteel® 316L stainless steel and PEEK®
<b>Blank Water Transfer</b>	PFA-Teflon®
<b>Vial Trays</b>	(2) 50-position VOA vial trays
<b>Vial Gripper Mechanism</b>	Pneumatically actuated cylindrical gripper with vial sensing
<b>Vial Cooling Option</b>	Cooling base for two 50-position vial trays with quick-disconnect fittings for recirculating chiller
<b>X/Y-Axis Mechanism</b>	Digitally controlled linear drive rails
<b>Z-Axis Mechanism</b>	Pneumatically actuated
<b>Operating Software</b>	VOA View Windows®-based GUI
<b>Operating System</b>	Windows® 7 or Windows® 8 and 8.1
<b>PC to 4100 Communications</b>	USB port for each 4100 instrument connected to PC
<b>Water Supply</b>	Clean, VOC-free water for rinsing sample pathway
<b>Gas Requirements - Sample Transfer</b>	99.999% (UHP Grade) He or N <sub>2</sub>
<b>Gas Requirements - Gripper / Z-axis Actuator</b>	Nitrogen
<b>Power Requirements</b>	110VAC / 60HZ or 230VAC / 50Hz
<b>Dimensions</b>	27 in. W x 24 in. D x 21.5 in. H 68.6 cm W x 61 cm D x 54.6 cm H
<b>Weight</b>	36 Kg (80 lbs) , typical depending on options
<b>Certifications</b>	CE Safety and EMC EN50082-1/EN55011 Group 1 Class A



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