

# Archon

## Purge and Trap Autosampler

- ✓ Entire sample pathway rinsed with 90°C blank water and programmable helium flush
- ✓ High temperature valves and transfer lines can handle higher boiling analytes
- ✓ Removable 51-position water and soil sample tray
- ✓ Small footprint saves on benchspace
- ✓ Stores up to 30 methods
- ✓ Low profile, see-through cover increases operator safety
- ✓ Programmable standard amounts can be added to sample from either of two reservoirs
- ✓ Programmable flush and rinse cycles - up to 20 times
- ✓ Mechanical stirring and heating of sample up to 120°C
- ✓ Simple design allows for ease of use and accessibility
- ✓ Connect to any make or model Purge & Trap Concentrator
- ✓ 5-position temperature equilibrium chamber ensures samples equilibration at room temperature prior to sampling
- ✓ Optional Features:
  - Re-circulating bath for cooling vials
  - Rinse water kit for direct water interface
  - PC control software
  - SoilVial conversion to needle sparge
  - Needle sparge conversion to SoilVial

### Product Description

Archon Purge and Trap AutoSampler improves productivity in environmental laboratories. The Archon generates high throughput and superior data quality.

Archon features combine to provide the ultimate solution for water and soil VOC analyses.

### Methods

USEPA 5030, 5035, 502.1, 502.2, 503.1, 524.2, 601, 603, 624 and EPA 8010, 8015, 8020, 8021, 8030, 8260 methods

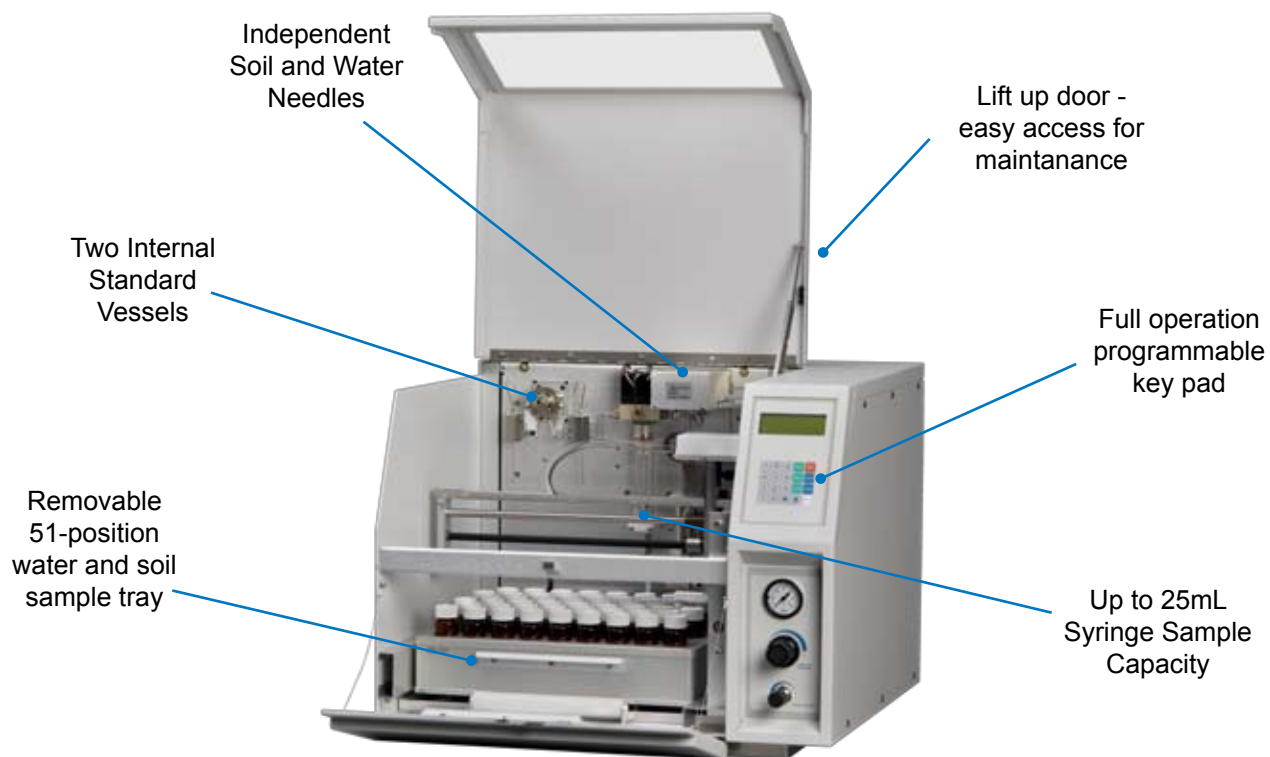


**Have questions? Need help?**

Our friendly staff of trained sales and service personnel are a call or click away.

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 **800.874.2004**

# Archon Features



## Specifications

Dimensions (H x W x D):	17" x 21.5" x 20" (43.2 cm x 54.6 cm x 53.3 cm)
Weight:	80 lbs (36.5 kg)
Operating Temperature:	15 to 35°C
Storage Temperature:	5 to 85°C
Sample Capacity:	40mL / 51 VOA vials
Sample Size:	Up to 25mL with autodilution capability
Water Sample Pathway	1/16" (0.16 cm) Stainless Tubing
Heated Transfer	1/16" (0.16 cm) Valco® Electroformed Nickel
Gas Pressure	75 to 90 psig (5.15 to 6 bar)
Gas Purity:	99.999% He
Voltage:	115 or 230 VAC 50/60 Hz
Relative Humidity:	10 to 90%
Blank Water Transfer:	PEEK® Tubing
Heat Dissipation:	2500 BTU/Hr. Max. Worst Case

## Options

Instrument Options:	<ul style="list-style-type: none"> <li>Re-circulating bath for sample vial cooling</li> <li>Windows® based software</li> <li>Sample vial cooler</li> <li>Rinse water kit for direct water line interface</li> </ul>
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## Need a Package Deal?



The Archon is available as a stand alone instrument or it can be packaged with a Stratum Purge & Trap Concentrator.

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