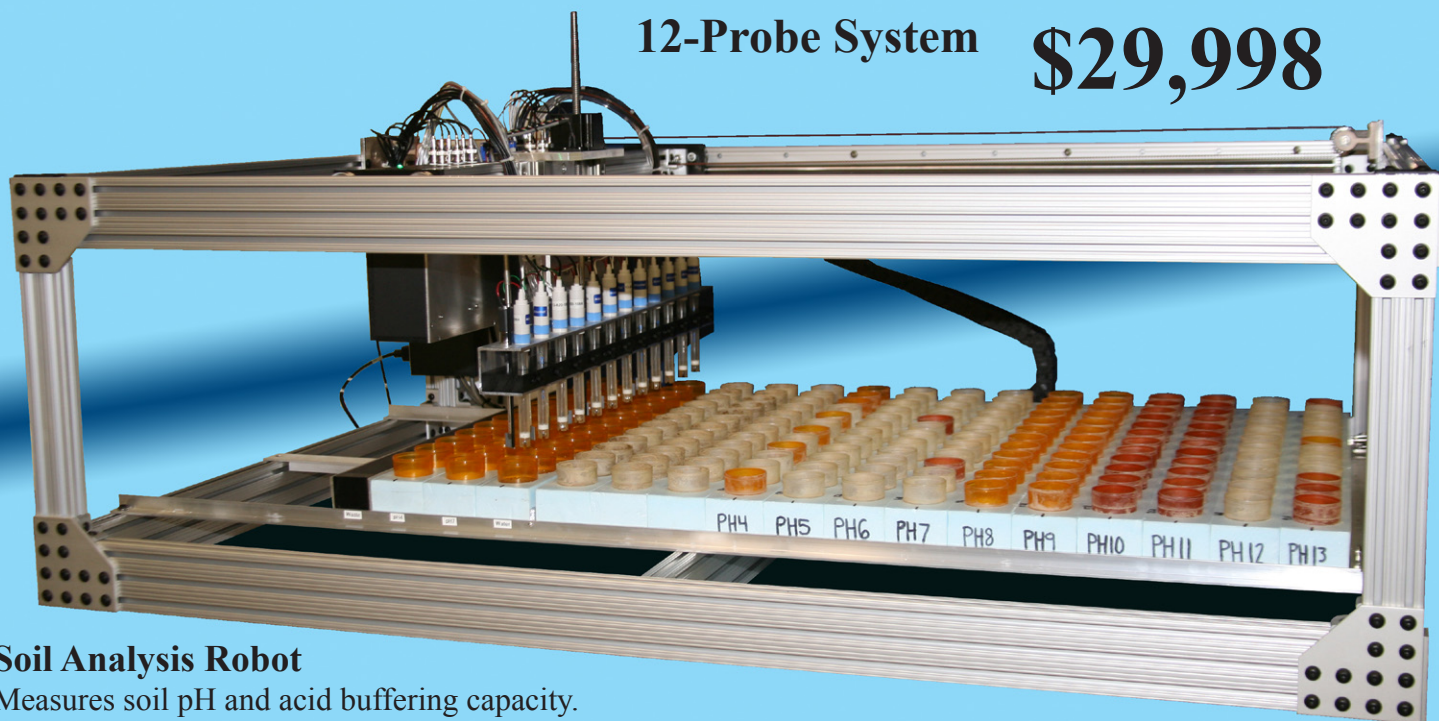


12-Probe System

\$29,998



Soil Analysis Robot

Measures soil pH and acid buffering capacity.

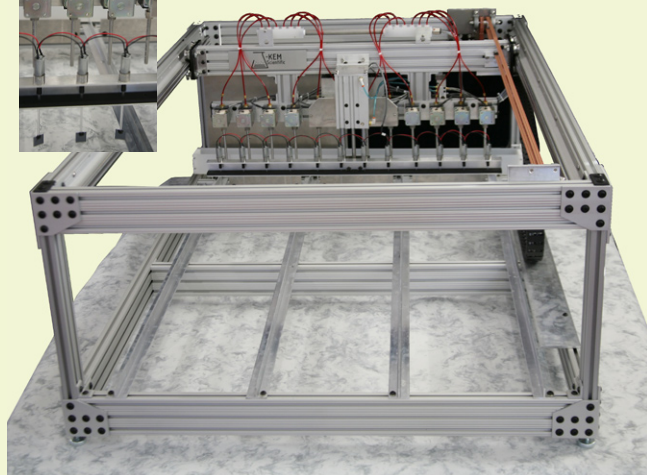
Stirring and auto-calibration. Shown with customer-supplied racks.

12-Parallel pH probes, solution titration algorithm, customized data transfer to soil sample database.

High throughput analysis of soil and water samples

Measure

- Soil pH
- Nitrate concentration
- Acid buffering capacity
- Stirring
- Auto-calibration
- Throughput of 960 samples per hour



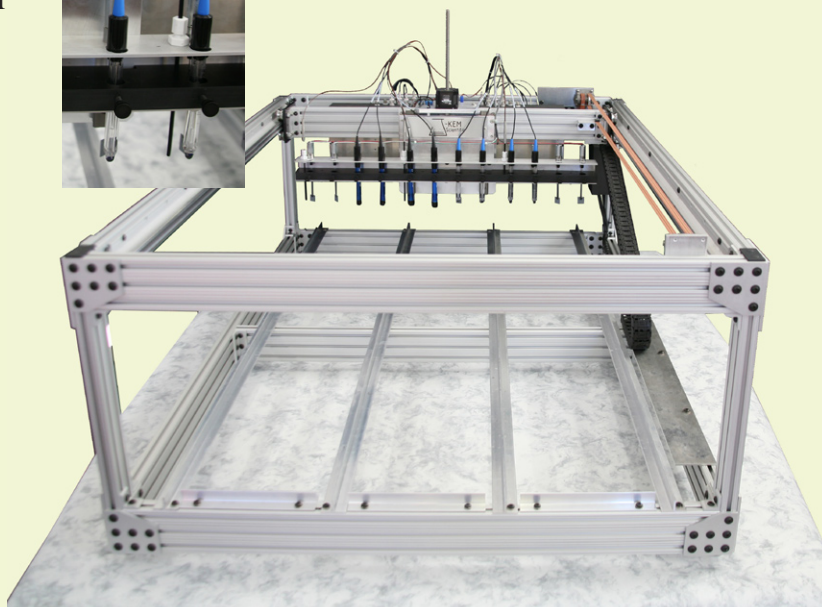
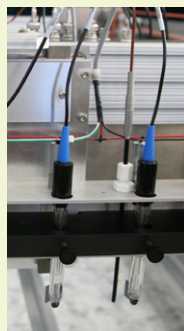
Soil Preparation Robot

Adds water and mixes soil sample in preparation for pH and nitrate analysis

Customized to fit your sample racks

Water analysis robotic measures:

- pH
- Dissolved oxygen
- Any selective ion



Soil Analysis Robot Measures soil pH and Nitrate concentrations. Mixing and auto-calibration. 960 samples per hour.

Custom Automation Solutions

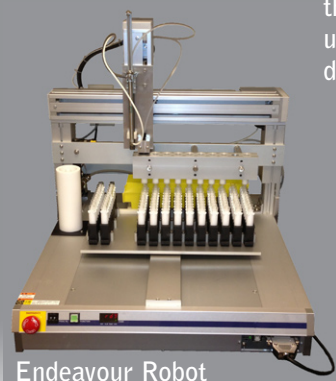
- Analog sensor interfaces
- Temperature
- Pressure
- Robotics
- One-of-a-kind instruments

J-KEM makes custom robotic solutions ranging from a simple 2-axis deck to sophisticated 6-axis articulating arms. Two qualities distinguish J-KEM from any other automation manufacturer.

- Custom Designs - J-KEM makes a unique instrument specifically designed for your application
- You Own the Solution - J-KEM is the only robot manufacturer that releases the original source code with every robot. This gives you unprecedented control of your own robot, and gives you the power to develop your software as automation needs expand.



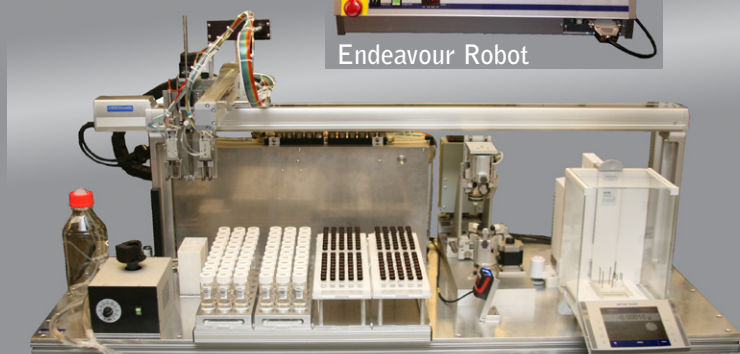
Titan Robot < \$7,000



Endeavour Robot



4-Axis SCARA



Eclipse Robot

Other Instruments from J-KEM

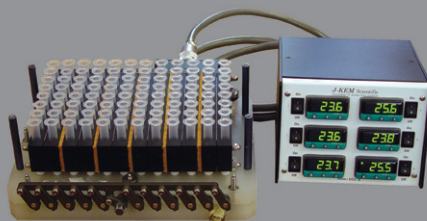
Multi-channel pH and selective ion meters



Precision syringe pump systems for automated multi-reagent additions and titrations



Precision temperature controlled reaction systems

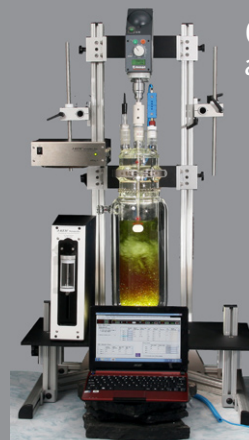


Position	1	2	3	4	5	6
Reference Code	6.17	6.13	6.51	6.69	6.73	6.37
Solution Temperature	22	22	22	22	22	22

Configured with 1 to 8 parallel probe channels. Resolution of 0.001 pH units or 10 microvolts

Custom software to allow direct import and export of data to your database.

Custom reaction and lab automation systems



Automate reactions
Derivatizations
Mixing
Temperature control
Titrations
Viscosity measurements
Fermentations
Filtrations
Pressure control

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Web: www.jkem.com

Email: info@jkem.com

J-KEM Scientific is a group of scientists working for scientists like you. We specialize in unique instruments for lab automation.

Custom Instruments

Custom Software

One perfect solution