

\$38,600



J-KEM Scientific's PotBot is the only robot that accurately dispenses 100% pure CBD and THC to cartridges with ± 3 mg accuracy.

- Fill 3600 cartridges with 95% THC/5% terpenes in 8 hours. Zero errors in 3600 cartridges.
- Precisely fills cartridges to ± 3 mg of the target weight, saving thousands of dollars by eliminating product over-fills.
- Low system void volume allows dispensing down to the last 10 ml.
- Heated reservoir, pump, and transfer lines maintain flowability of dispensed product.
- Computer controlled robot requires no supervision.
- Holds four 156 position trays. Swap trays in/out for continuous operation.
- Custom racks made to fit your cartridge, bottle or other container.
- 100% self-contained, nothing else required.

J-KEM Scientific is the **ONLY** company that *absolutely, unconditionally guarantees* to accurately dispense high viscosity materials, like 100% CBD or THC to any cartridge, every time or we'll refund your purchase. Does that sound over-the-top confident? Really? Then contact any other company and see if they offer a 100% money back guarantee based on the performance of their machine.

Heated transfer line

Heated 1 or 2 liter reservoir



The key component is J-KEM's patented high viscosity pump. Because the pump is made from 100% stainless steel and designed for high pressure pumping, it works at temperatures much lower ($< 55^{\circ}\text{C}$) than other systems use, which minimizes thermal degradation of the dispensed material.



Engineered into the PotBot is all of J-KEM's knowledge as a provider of sophisticated robotics for the pharmaceutical industry. The combination of precision components, attention to minute detail, and 25 years of experience results in the PotBot's flawless performance.

The needle starts at the bottom of the cartridge and then moves up at the exact rate that the cartridge is filled. This prevents a bubble from being trapped during filling, which causes the cartridge to overflow.

Custom Automation Solutions

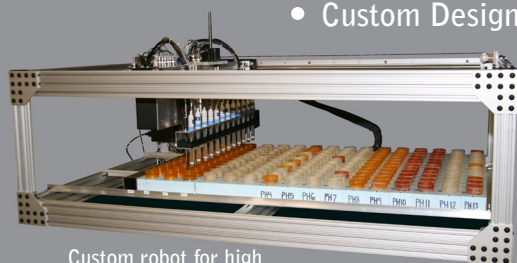
- Analog sensor interfaces
- Temperature
- Pressure
- Robotics
- One-of-a-kind instruments

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:

- **You Own the Solution** - J-KEM is the only robot manufacturer that releases the original source code with every robot. This provides unprecedented control of your robot by allowing you to modify the software as automation needs change.
- **Custom Designs** - J-KEM makes a unique instrument specifically designed for your application



Titan Robot < \$7,000

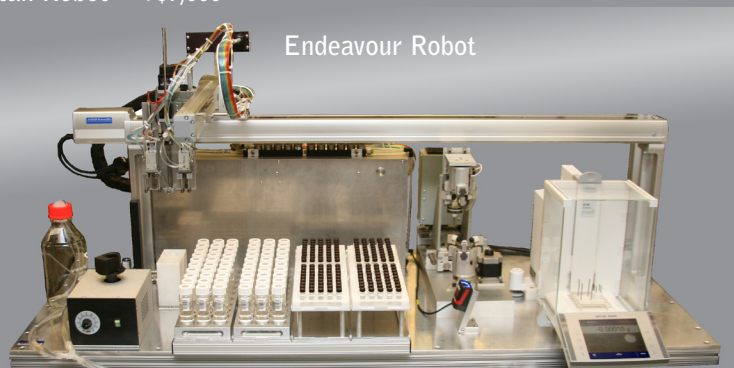


Custom robot for high throughput soil and water analysis

Endeavour Robot



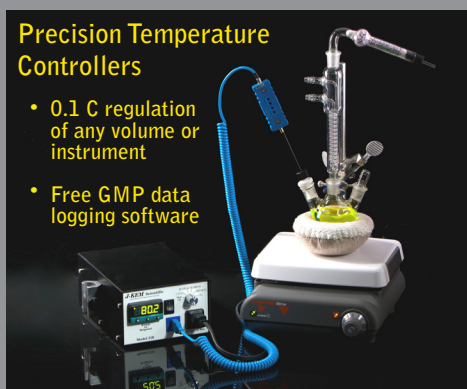
4-Axis SCARA



Eclipse Robot

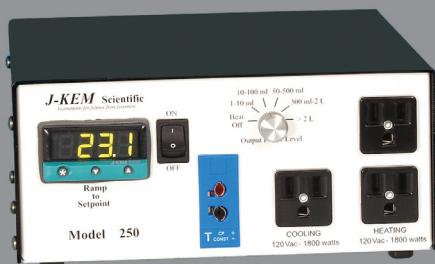
Precision Temperature Controllers

- 0.1 C regulation of any volume or instrument
- Free GMP data logging software



Model 250 temperature controller is perfect for 1 to 12 liter short path distillations. PC control by USB.

120Vac,
1800 watts
Two heater outlets



Vacuum Regulators

DVR-1000 Precision vacuum regulator with control down to 0.001 torr.

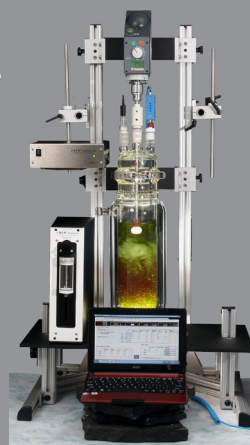


PC controlled
Data logging
Fully programmable
Multi-step vacuum programming

DVR-200 Laboratory vacuum regulator with control down to 0.1 torr.



PC controlled
Data logging
Fully programmable
100% stainless steel vacuum path



Custom reaction and lab automation systems

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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