

## VAPORIZER EXCHANGE SERVICE

### Serviced, calibrated, checked, double-checked and shipped to you before you need it

No matter who manufactured your vaporizer, Patterson can send a similar model to you, calibrated and ready to use. In fact, Patterson has a state-of-the-art facility, run by technical manager Dave Ishmael. He described the comprehensive exam each vaporizer receives after it comes into the facility.

“There are different stations for each kind of vaporizer. Our team will tear the vaporizer completely apart, clean all the components, replace the wicking material, O-rings, gaskets, seals and they’ll rebuild that vaporizer. They’ll set the thermostats to OEM water resistance settings,” Ishmael said.

“The vaporizers will then go through a pressure test, internal and external. They must pass that test. If they don’t, then we tear the vaporizer apart and find out why it’s leaking. If they pass the pressure tests, they move on to where they are filled with anesthetic and they sit for at least an hour so that the wick material inside can absorb the anesthetic agent.”



**“What sets us apart from a lot of the competitors is we use a laser refractometer to calibrate our vaporizers. They’re one of the most accurate pieces of equipment on the market today.”**



## State-of-the-art laser refractometers

The vaporizers are calibrated on a laser refractometer. Ishmael stated, “They’re one of the most accurate pieces of equipment on the market today. In fact, GE Healthcare uses the same technology to calibrate their human vaporizers.”

The laser refractometer works in conjunction with a PC to print out our calibration report that is sent when each vaporizer is shipped. Ishmael explained, “When they pass all of that calibration, internal external pressure tests, they’re drained and air dried so that they can be shipped to the customer in a dry state. They’re then labeled and shipped.”

## Knowledge and expertise in a controlled environment

It’s important that practices exchange or send a vaporizer in to have it expertly serviced and sent back to you. That type of service cannot be done in a van.



“The vaporizer needs to be serviced in a climate-controlled room,” Ishmael said. “And that’s very important for setting the thermostats. The thermostat actually controls the vaporizer’s output. It will hold accuracy between 58 degrees Fahrenheit and 95 degrees Fahrenheit. It’s very important that it’s serviced in an area that’s temperature and climate controlled in a room where you have service technicians who know what they’re doing.”

