

Anaesthesia Vaporizer Overhaul Centre

Most anaesthesia vaporizers require an in-shop overhaul periodically to ensure vaporizer seals, gaskets and vaporizing wicks are replaced routinely and internal critical components are inspected for corrosion or deterioration.

We offer...

- Aggressive contract service prices
- Over 25 years of vaporizer service
- A consistent, dependable, expedited experience level of customer service
- Prompt in-shop overhaul for most types of anaesthesia vaporizers
- All repairs performed in our Markham, Ontario service facility



DRAGER 19.1



TEC V



TEC IV



TEC III

Our vaporizer overhaul includes:

- Each vaporizer is completely disassembled with all external and internal components, inspected for corrosion, damage and wear.
- All parts are thoroughly cleaned, some using the ultrasonic method of cleaning.
- All defective, worn and corroded parts are replaced. New vaporizing wicks are installed and the vaporizer is reassembled.
- Each vaporizer is subjected to comprehensive leak testing. All leaks are corrected to meet or exceed manufacturer's tolerances.
- Vaporizer back pressure performance is tested and calibrated as required for vaporizer type.
- The calibration of all vaporizers is performed using fresh anaesthetic agent specific to the vaporizer.
- Vaporizer thermo-compensation mechanisms are performance tested.
- A ZEISS INTERFEROMETER is used to perform a multiplicity of calibration tests. Adjustments are made by our experienced technicians as required to obtain optimum vaporizer performance that meets and often exceeds manufacturer's specifications.
- Each vaporizer is dried following calibration and is returned to the customer in a custom-made shipping carton.
- Our Vaporizer Service Database keeps a comprehensive record of each vaporizer's service history. Our SERVICE ALERT recall system will automatically advise you of the service due date for your vaporizers.
- A "Record of Overhaul" and all performance test results are kept on permanent file in the event the vaporizer maintenance history is required for Medico-Legal reasons.



DRAGER VAPOR



OHIO



PENLON



TEC II

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Periodic in-hospital vaporizer output analysis using test instruments such as the Riken Gas Indicator cannot predict internal component deterioration, protect drug purity or prevent the potential of critical component failure.