



Excel/7800 Technical Service Class

Course Summary

The Excel 7800 technical class offers a detailed understanding of the pneumatics and electrical systems that make up the Excel anesthesia machine, the GMS absorber, the Waste Gas Scavenger, and the 7800 ventilator. Hands-on labs are designed to reinforce skills needed to troubleshoot and repair components, and to perform required maintenance.

Intended Audience

Bio-meds who will be servicing the Excel anesthesia machine, the 7800 ventilator, the GMS absorber, and the waste gas interface valve (AGSR).

Customer Requirements

Because of safety concerns, students are required to wear shoes with a closed toe.

Course Length

- 5 days

Course Prerequisites

- None

Course Location

- Because this class could be offered at different G.E. Training Centers, please check the schedule for location.



Course Objectives

Upon successful completion of the course, participants will be able to:

- Explain the flow of gases through the Excel machine and the 7800 ventilator.
- Identify the major electronic circuits on the P.C. boards of the 7800 ventilator.
- List and explain the operation of the safety devices contained in the machine.
- Correctly install and adjust the proportioning system of the Excel.
- Disassemble and assemble the GMS absorber.
- Disassemble and assemble the waste gas interface valve.
- Do a correct and complete system P.M. using the manufacture's procedures.

Course Equipment

- Excel anesthesia machine, GMS Absorber, 7800 ventilator, and the waste gas interface valve (AGSR).

Related Courses

Mod S.E. / 7900 Ventilator

Excel / 7000 Ventilator