

Prima Pre-use Checklist

At the beginning of each day:

- Check stability of machine and ensure brakes are engaged
- Check that the machine is not damaged, and all components are correctly connected
- Check that the vaporizers are locked in position and contain sufficient agent
- Check that gas supplies are connected and pressures are correct, and that cylinder valves are closed
- Check that the absorber unit is locked in position
- Check that the machine can be switched on and off normally, and that the mains indicator functions
- Turn the machine on, and confirm that it boots normally
- Conduct the System Test and Manual Leak Test, and confirm that both pass
- Disconnect and reconnect the machine from the mains power supply, confirm normal operation
- Check the function of the pipeline O₂, N₂O, and air supply alarms and gauges
- Check the function of the cylinder O₂, N₂O, and air supplies and confirm that there are no leaks
- Check the back pressure of each vaporizer
- Check that the vaporizer interlock is working correctly, and only one vaporizer can be turned on at a time
- Check the function of physiological and technical alarms
- Calibrate the O₂ sensor

Before each patient:

- Check that the non-return valves in the breathing system work correctly
- Check that the bellows function correctly and do not leak
- Check that the breathing system is assembled correctly and does not leak
- Check that the APL valve releases correctly at a range of pressure
- Check that the O₂ flush and ACGO function correctly
- Check that the ventilator parameters and alarm limits are set to applicable clinical levels
- Check that the system is in Standby
- Check that applicable equipment and anesthetic and emergency drugs are available
- Check that the manual bag is connected to the bag port
- Turn off all vaporizers, turn the APL valve to the MIN position, and set all gas flows to a minimum
- Before connecting a patient, flush the machine with 5 L/ min of O₂ for at least one minute