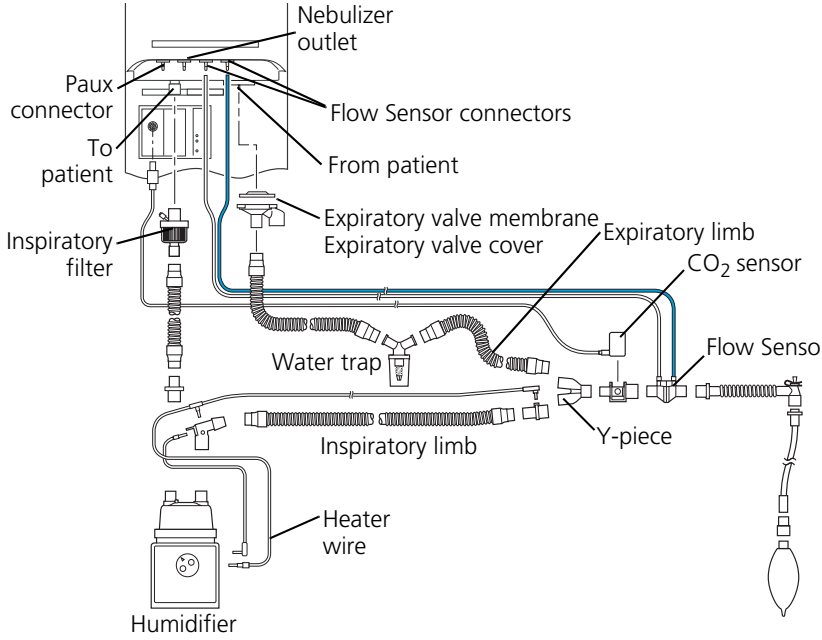
HAMILTON·G5

Preoperational check

Must be performed before using the HAMILTON-G5 on a patient.

Do or observe...	Verify...	Notes
1. Connect ventilator to ac power and compressed air and oxygen supplies. Assemble the patient breathing circuit.	Breathing circuit is assembled correctly.	See Figure 2-10 through Figure 2-13 in *HAMILTON-G5 Operator's Manual*.
2. Switch on power.	When ventilator is switched on, an audio alarm sounds and the alarm lamp is red. After the self-test is passed the alarm lamp turns red again.	The audio alarms sounds only briefly in the beginning.
3. Open **System** and **Tests & calib** window (Figure 3.2 in manual). Select and run **Flow Sensor** calibration, then **Tightness** test. Follow all prompts.	These tests pass.	For details on running these tests and calibrations, refer to Section 3.3.2 of manual.
4. If necessary, run **O2 cell calibration** and **CO2 sensor** zero. Close window.	These tests pass.	
5. Generate an alarm (for example, generate an **Air supply failed** alarm by disconnecting the air supply and then starting ventilation).	Corresponding alarm message in message bar (for example, **Air supply failed**).	After standby, all alarms except **Air supply failed** and **Loss of mains power** are suppressed for 1 min.
6. Resolve the alarm situation (for example, reconnect air supply).	Alarm is reset.	

Patient breathing circuit



In place of the flex tube shown, a 15 x 22 adapter may be used to attach the Flow Sensor to the ET tube.

For use with inspiratory heater wire (pediatric/adult)

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