

Basic Skills Checklist KEY

Fabius GS



A Dräger and Siemens Company

This Skills Checklist is provided for information purposes only, focuses on the Draeger Medical product referenced and related concepts, and is not a substitute for reading the applicable Instructions for Use. The skills checklist assists in training how to use or operate this product. It does not address issues of medical practice or clinical judgement related to the use of this product.

The checklist is intended only as a suggestion for your consideration; it may or may not be consistent with your institutional expectations for staff competency. It is the responsibility of each institution or provider to make their own determinations regarding matters of training and clinical protocol for their employees and the products that they use.

Skill	Answers
Locate Power Switch.	<ol style="list-style-type: none"> 1. The electrical switch is located in the back on the right side and should be kept in the ON position 2. On a daily basis the machine should be placed in STANDBY mode. 3. Do not turn the power switch off.
Place in STANDBY mode/Take out of SLEEP mode.	<ol style="list-style-type: none"> 1. To place in STANDBY, press the Standby button.
Assemble circuit, gas and suction pressure lines.	<ol style="list-style-type: none"> 1. Connect all gas, scavenger, and suction wall connections. 2. Attach circuit with optional filters, patient bag. Sample line is connected between water trap on gas bench and patient Y-piece.
Run System test.	<ol style="list-style-type: none"> 1. Press the soft key button. Checks System's Diagnostics
Flow Sensor Calibration.	<ol style="list-style-type: none"> 1. Remove the expiratory limb. Press the soft key button, confirm with knob. 2. Once complete, the screen will prompt to replace expiratory limb. <p>Note: If the flow sensor fails, it will read FLOW SENSOR FAIL. Replace flow sensor.</p>
O ₂ Calibration.	<ol style="list-style-type: none"> 1. Remove O₂ cell from post. Expose cell to ambient air for two minutes. 2. Follow screen prompts. If in STANDBY press the Calibrate O₂ Sensor soft key and Press rotary knob to confirm 3. Once calibrated, the screen will read 21% O₂. Replace cell back on post. 4. To calibrate the O₂ cell while ventilating, (remove O₂ sensor and place plug in post) 5. Press Setup key. Prompt Calibrate O₂ Sensor. Press Calibrate O₂ Sensor and follow prompts
Leak /Compliance Test.	<ol style="list-style-type: none"> 1. Press Leak/Compl soft key. Place patient wye connection on the base of the bag mount. 2. Remove or crimp sample line to plug the sample port. Set APL valve to 40-50 cmH₂O. 3. Ensure flowmeters are off. Press the flush button to 15-30 cmH₂O (watch the screen display). <p>Note: Test takes approx 2 minutes Leak and compliance results will be displayed.</p>
Access alarm logs.	<ol style="list-style-type: none"> 1. Press soft key to access alarm log.
Restore site defaults.	<ol style="list-style-type: none"> 1. Press soft key to restore ventilation values to default settings.
Check scavenger for adequate suction.	<ol style="list-style-type: none"> 1. Check that red float is between the two black lines. 2. If adjustment is needed, turn the black knob until desired setting is reached
Check gas cylinder pressures.	<ol style="list-style-type: none"> 1. Turn ON each tank to ensure proper pressure. Pressure may be read on the gauges below the vaporizers.
Remove and replace vaporizer.	<ol style="list-style-type: none"> 1. Rotate top to "T" position and flip top switch toward you. 2. Lift and remove to parking station. 3. Take new vaporizer and place on vaporizer mounts. Flip top switch to left and rotate to "O" position.

Skill	Answers
Fill vaporizer / check vaporizer levels.	<ol style="list-style-type: none"> 1. QUICK FILL - Place quick fill cap on agent bottle. Open vaporizer fill port. Place fill cap into vaporizer and push down until filled to desired amount. 2. KEY FILL - Place key fill device on agent bottle. Open vaporizer door. Place key into vaporizer. Shut door only until snug (DO NOT FORCE SHUT). Rotate bottle up and fill.
Activate machine into Man/Spont.	<ol style="list-style-type: none"> 1. Turn on O₂ to automatically start Man/Spont 2. Press Man/Spont soft key. Press rotary knob to confirm
Adjust Flows/ APL valve.	<ol style="list-style-type: none"> 1. Turn O₂ flow meter to the left until desired setting is reached. This will activate the device if in STANDBY. 2. Once the flow meter is on, the device is automatically in Man/Spont which allows for manual ventilation of the patient. 3. Adjust the desired pressure by turning the APL valve to right to increase and turn left to decrease. <p>Note: The APL valve is only engaged when in Man/Spon. Lift up on APL valve to dump excess pressure and volume to scavenger.</p>
Set alarms for Man/Spont.	<ol style="list-style-type: none"> 1. In Man/Spont the Apnea Pressure Alarm is automatically off. 2. Press the soft key below the Volume Alarm to turn volume alarm off
Set ventilation parameters / Begin mechanical ventilation (Volume/Pressure/ Pressure Support/SIMV).	<ol style="list-style-type: none"> 1. Press soft key for ventilation mode required. Press rotary knob to confirm
Volume Ventilation - VOL / Pmax / Vt/Freq / TI:TE / TIP:TI / PEEP.	<ol style="list-style-type: none"> 1. Press Volume soft key. Default parameters for volume ventilation appear. 2. To change settings, press the soft key below the parameter, use rotary knob to adjust. 3. Once the desired settings are present, press rotary knob again to confirm mode and activate the ventilator.
Pressure Ventilation - PCV /Pinsp/ TI:TE / Insp flow / PEEP.	<ol style="list-style-type: none"> 1. Press Pressure soft key. Default parameters for pressure control ventilation appear. (If coming from Volume ventilation, Plateau pressure will appear instead of default parameters). 2. To change settings, press soft key below the parameter, use rotary knob to adjust. 3. Once the desired settings are displayed, press rotary knob to confirm mode and activate the ventilator.
Pressure Support Ventilation.	<ol style="list-style-type: none"> 1. Choose Pressure Support soft key and set parameters. Choose a parameter from menu and use rotary knob to adjust. 2. Once the desired settings are present, press rotary knob again to confirm mode.
Adjust alarms for mechanical ventilation.	<ol style="list-style-type: none"> 1. Threshold Low – Once in mechanical ventilation, the threshold alarm can be preset. Press Setup soft key, then Press Autoset. This will autoset the threshold 5 cmH₂O below current peak pressure. 2. Apnea Pressure – Check for patient disconnect. If system is tight, then check if the threshold is set above your peak pressure. If so, press the Setup soft key then Autoset. 3. Pressure Limiting – This message occurs if the patient's peak pressure reaches the P-MAX set in Volume Control. Either increase the P-MAX, decrease the set tidal volume or try Pressure Control.
Turn off mechanical ventilation and return to Man/Spont.	<ol style="list-style-type: none"> 1. Depress the Man/Spont soft key and confirm with the rotary knob. 2. Depress the soft key below Volume Alarm. 3. Adjust the fresh gas flows and APL valve accordingly.
Shutting machine down at end of day.	<ol style="list-style-type: none"> 1. Place machine in standby, confirm with rotary knob. 2. Turn off all gas flows. 3. Check sodasorb. If the granules are depleted by 3/4, replace. <p>Note: The absorber pellets change from the bottom up.</p>