

Quick Reference Guide for the

Grab 'n Go[®] Digital Advanced Medical Oxygen System

This Quick Reference Guide provides a summary of basic operating instructions and safety warnings for the *Grab 'n Go[®] Digital* Advanced Medical Oxygen System. Before consulting this Quick Reference Guide, the user should review and become familiar with the complete instructions and warnings, which are provided in the Praxair *Grab 'n Go Digital* Advanced Medical Oxygen System Operating Instructions supplied with this product.

Safety Precaution Information



Warning: Do NOT operate the *Grab 'n Go Digital* system until you read and understand the operating, maintenance, and safety instructions included in this Quick Reference Guide and in the Praxair *Grab 'n Go Digital* Advanced Medical Oxygen System Operating Instructions.



Warning: This device is ONLY for use by, or on the order of, a physician. Do not activate the system unless you have been trained in its proper functioning or are under competent supervision.



Note: Read and understand the Safety Data Sheets (SDSs) for the materials used with this equipment. All personnel who work in the vicinity of this equipment should read, understand, and follow all safety information contained in the SDSs and all applicable government regulations and facility safety regulations.



Warning: Never bypass safety device, and never operate the equipment outside its specified limits.



Danger: Mishandling of pressurized process equipment or gas cylinders can result in death, serious injury, or property damage. Handle pressurized equipment and cylinders with extreme care and in accordance with the manufacturer's instructions. Protect from impact.



The *Grab 'n Go Digital* system cannot be used directly in the MRI bore. The system is MR conditional, and suitable for use during MR imaging for MRI systems up to 3.0 Tesla.



Warning: Never attempt to repair any part of the *Grab 'n Go Digital* system. Any system repairs must be performed by an authorized Praxair representative.

System Parts

(A) Protective Shroud

(B) Alarm Silence Button

(C) Fill Port*

(D) Digital Pressure Gauge

(E) Flow-Adjusting Knob

(F) Barbed Outlet Port (Metered Flow)

(G) Auxiliary Connection Port

(H) Cylinder



* Fill Cap not shown.

Setup

1. Inspect the entire system including the barbed outlet port (F) and auxiliary connection port (G), for signs of physical damage or contamination (for example, oil and grease). If the system is damaged or contaminated, remove the system from service, turn the system off immediately, place it in a secure and well-ventilated area, mark the system as unserviceable, and notify Praxair.
2. Check the digital pressure gauge to ensure the presence of adequate oxygen contents.
3. Verify that there are no existing alarm conditions.
4. Verify that the flow-adjusting knob (E) is in the OFF position (—).



To turn the flow-adjusting knob (E) to the OFF position (—), rotate the flow-adjusting knob (E) counterclockwise until it stops.

5. Connect the supply hose to the *Grab 'n Go Digital* system. For Metered Flow, connect the supply hose to the barbed outlet port (F). For 50 PSI connection, connect the supply hose to the auxiliary connection port (G).



Warning: Never connect a cannula, patient tubing, or mask directly to the Auxiliary Connection Port (E). When the flow-adjusting knob (E) is in the Auxiliary [A] setting, no oxygen is supplied to the barbed outlet port (F).

Operating Procedures




1. Turn the flow-adjusting knob to the prescribed flow rate. Ensure that the flow-adjusting knob clicks into place.





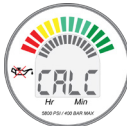
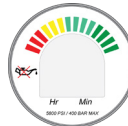
Metered Flow: Flow Rates (0.5, 1, 1.5, 2, 3, 4, 6, 8, 10, 15, or 25 LPM)

Auxiliary Flow: 50 PSI (Maximum Aux Flow Rate up to 100 LPM)

2. Verify flow at the patient's end of the tubing before administering to the patient.
3. When finished, turn the flow-adjusting knob (E) to the OFF (—) position and remove supply from the patient.

Alarm	Notification	Description	Caution Statements
Low Battery 	Red Backlight	Alarms when the battery life reaches approximately one month of service remaining. Service when alarm is activated; Varies based on usage.	Although the <i>Grab 'n Go Digital</i> system will function with a low battery, it is recommended to remove the system from service, mark the system as unserviceable, and notify Praxair.
Low Pressure (Time Display) 	Audible Red Backlight	Alarms when estimated time of use is 10 minutes or less. Alternates with Pressure Display.	Alarm is based on the time remaining at the set flow rate. An alarm will sound immediately if less than ten minutes of usable pressure remains in the cylinder.
Low Pressure (Pressure Display) 	Audible Red Backlight	Alarms when less than 300 PSI of pressure remains in the cylinder. Alternates with Time Display.	Alarm is based on the pressure remaining. An alarm will sound immediately if less than 300 PSI of usable pressure remains in the cylinder.
Low Pressure (Time Display) 	Red Backlight	--:-- shown alternative to Low Pressure Display when time is less than 1 minute.	When alarm is activated the pressure is critically low, change cylinder as there is less than 1 minute of oxygen left in the cylinder.
Low Temperature 	Red Backlight	Low cylinder temperature (-13°F to 5°F) (-25°C to -15°C)	The system must only be operated in accordance with the Operation Temperature Limits. When temperature alarm is activated, it is recommended to remove the system from service, mark the system as unserviceable, and notify Praxair.
High Temperature 	Red Backlight	High cylinder temperature (140°F to 158°F) (60°C to 70°C)	The system must only be operated in accordance with the Operation Temperature Limits. When temperature alarm is activated, it is recommended to remove the system from service, mark the system as unserviceable, and notify Praxair.

To illuminate the gauge display at any time, press the alarm silence button (A) for 1 second and the white backlight will be activated for 5 seconds.

Digital Gauge Status			
	Gauge displays cylinder pressure and fill level on the bar graph.		Gauge displays time remaining.
	Indicates system calculating to determine estimated time remaining for set flow rate. Requires ≤ 2 minutes in a flowing position before the calculated "time remaining" is displayed.		Screen is blank if Battery is Dead. Cylinder must not be used and must be returned to Praxair.

Recommended Reference Publications		
Publication Title	Publication No.	Source
Additional copies of this publication	P-15-716-1	Praxair supplier, sales representative, the Call Center (1-800-PRAXAIR), our website (http://www.praxair.com), or write to Praxair 175 East Park Drive Tonawanda, NY 14150
<i>Grab 'n Go Digital</i> Advanced Medical Oxygen System Operating Instructions	P-15-716	

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