



H600/605, M600/605, & ENHANCED M600/605 SPECIFICATIONS

SPECIFICATIONS			
Input Voltage	120 VAC	230 VAC	230VAC
Input Frequency	60 Hz	50 Hz	50 Hz
Average Power Consumption	460W	420/480W	360W
Dimensions	18.9"(L) × 13.3" (W) × 26.8" (H) (48.0 x 33.78 x 68.07 cm)		
Weight	50 lbs, 22.7 kg	54 lbs, 24.7 kg	
Flow Rate	Variable from 0.5 to 5 lpm		
Oxygen Concentration*	H600/605 M600/605 Enhanced M600/605 Concentrator 92 ± 4% @ 5 lpm 94 ± 2% @ 2 lpm	H600/H605 Concentrator ≥ 92 @ .5 to 3 lpm ≥ 87 @ 4 lpm ≥ 89 @ 4 lpm** ≥ 87 @ 5 lpm**	M600/605; Enhanced M600/605 Concentrator 94 ± 2% @ 0.5 to 4 lpm 94 ± 4% @ 5 lpm M605-70; Enhanced M605-70 Concentrator 88 ± 4% @ 5 lpm
Oxygen Outlet Pressure (No Flow)	6.0 ± 1.0 psig		
Regulated Pressure @ 5 lpm	5.5 ± 0.25 psig		
Operating Pressure	70-186 kPa		
Operating Temperature	55-90° F (13-32° C)		
Storage/transport Temperature	-30-160° F (-34-71° C)		
Storage/transport Humidity Operating Humidity	Up to 95% non-condensing		
Storage/Transport Atmospheric Pressure	790-525 mm Hg		
Altitude	Up to 7,545 ft. Up to 2300 m		
Sound Pressure Level (dBA)	H600/605; M600/605; Enhanced M600/605 120V: 60Hz-49.8 dBA M600/605; Enhanced M600/605 230V (except M605-70): <43dBA M600/605; Enhanced M605-70: <40dBA H600/605 230V <42dBA		
<p>* Oxygen concentration levels are for operation within specified temperatures and altitude ranges. Operation outside specified ranges may decrease oxygen concentration levels.</p> <p>** Specifications achieved only at the following operating parameters: 20 ° C (68 ° F), 50% relative humidity, and 1017 mbar.</p>			

SAFETY	
<i>Pressure Relief Valve</i>	<i>40 ± 3 psig (303 ± 20.7 kPa)</i>
<i>Compressor Compartment Thermal Protection with Self Reset</i>	<i>149° F (65° C)</i>
ALARM CONDITIONS	
<i>Visual Red Light Emitting Diode (LED) and audible sound alert:</i>	
<ul style="list-style-type: none"> • <i>Start-up test;</i> • <i>Power failure;</i> • <i>Main PCB failure; and</i> • <i>High and low pressure</i> 	
<i>Oxygen percentage indicator (Model 605 only): O₂ < 70%</i>	
ALERT CONDITIONS	
<i>H600/605 Concentrators have a yellow visual LED with intermittent audible alarm and red LED:</i>	
<ul style="list-style-type: none"> • <i>No oxygen flow</i> 	
<i>Oxygen percentage indicator (model 605): 70% < O₂ < 85%</i>	
<i>M600/605; Enhanced M600/605 Concentrators have a yellow LED with intermittent audible alarm and red LED:</i>	
<ul style="list-style-type: none"> • <i>No oxygen flow</i> 	
<i>Oxygen percentage indicator (model 605): 70% < O₂ < 82%</i>	
POWER INDICATION	
<i>Visual, green LED (next to Power Switch).</i>	
OXYGEN PERCENTAGE INDICATOR (MODEL 605)	
<i>H605 Concentrators</i>	
<i>Warnings Conditions: Blinking yellow LED after unit is turned on and until O₂ > 85%.</i>	
<i>Normal Oxygen: Visual green LED when O₂ > 85%.</i>	
<i>M605; Enhanced M605 Concentrators</i>	
<i>Warnings Conditions: Blinking yellow LED after unit is turned on and until O₂ > 82%.</i>	
<i>Normal Oxygen: Visual green LED when O₂ > 82%.</i>	



M10600/M10605 & ENHANCED M10600/M10605 SPECIFICATIONS

SPECIFICATIONS	
<i>Input Voltage</i>	<i>120 VAC</i>
<i>Input Frequency</i>	<i>60 Hz</i>
<i>Average Power Consumption</i>	<i>600W</i>
<i>Dimensions</i>	<i>19"(L) × 13" (W) × 27" (H) (48.0 x 33.0 x 69.0 cm)</i>
<i>Weight</i>	<i>53 ± 0.5 lbs, (24 ± 0.23 kg)</i>
<i>Flow Rate</i>	<i>Variable from 1 to 10 lpm</i>
<i>Oxygen Concentration*</i>	<i>92 ± 4% @ 8 - 10 lpm 94 ± 2% @ 3 - 7 lpm 92 ± 4% @ 1 - 2 lpm</i>
<i>Oxygen Outlet Pressure (No Flow)</i>	<i>6.0 ± 1.0 psig</i>
<i>Regulated Pressure @ 10 lpm</i>	<i>5.5 ± 0.25 psig</i>
<i>Operating Pressure</i>	<i>10 - 30 psig</i>
<i>Operating Temperature</i>	<i>55-90° F (15-32° C)</i>
<i>Storage/transport Temperature</i>	<i>-30-160° F (-34-71° C)</i>
<i>Storage/Transport/Operating Humidity</i>	<i>Up to 95% non-condensing</i>
<i>Storage/Transport Atmospheric Pressure</i>	<i>790-525 mm Hg</i>
<i>Altitude</i>	<i>Up to 1,368 ft. Up to 417 m Verify flow and purity at higher altitudes.</i>
<i>Sound Pressure Level (dBA)</i>	<i><50 dBA</i>
<i>* Oxygen concentration levels are for operation within specified voltages, lpm, temperatures and altitude ranges. Operation outside specified ranges may decrease oxygen concentration levels.</i>	

SAFETY	
<i>Compressor Compartment Thermal Protection with Self Reset</i>	<i>149° F (65° C)</i>
ALARM CONDITIONS	
<p><i>Visual Red LED and audible sound alert:</i></p> <ul style="list-style-type: none"> • <i>Start-up test;</i> • <i>Power failure;</i> • <i>Main PCB failure; and</i> • <i>High and low pressure</i> <p><i>Oxygen percentage indicator (M10605): O₂ <70%</i></p>	
ALERT CONDITIONS	
<p><i>Concentrators have a have a yellow visual LED with intermittent audible alarm and red LED:</i></p> <ul style="list-style-type: none"> • <i>No oxygen flow</i> <p><i>Oxygen percentage indicator (M10605): 70% <O₂< 82%</i></p>	
POWER INDICATION	
<i>Visual, green LED (below to Power Switch).</i>	
OXYGEN PERCENTAGE INDICATOR (MODEL 605)	
<p><i>Warnings Conditions: Blinking yellow LED after unit is turned on and until O₂ > 82%.</i></p> <p><i>Normal Oxygen: Visual green LED when O₂ > 82%.</i></p>	

FRONT CABINET FEATURES

FLOW METER

Used to set and indicate amount of oxygen flowing from unit to patient. Adjustable from 0.5 to 5 or 10 lpm, depending on the concentrator.

DISS OUTLET FITTING

A male DISS fitting used to connect the mating connector from the humidifier bottle or the patient's cannula.

POWER SWITCH

Used to turn the device On and Off.

CONTROL OVERLAY

Indicates the red alarm light, the green ON light, and the Oxygen percentage (Model 605 and M10605 Only).

HOURLY METER (ENHANCED M600/605; ENHANCED M10600/M10605 MODEL ONLY)

Indicates cumulative hours of unit operation.

REAR AND SIDE CABINET FEATURES

SERIAL PLATE

Lists model and serial numbers, requirements, and specifications.

HOURLY METER (H600/605; M600/605; M10600/M10605)

Indicates cumulative hours of unit operation.

PRE-INLET FILTER

Filters the air that enters the concentrator.

REAR ACCESS DOOR

Allows access to the following:

- Inlet pre-filter, inlet filter configuration, Silencer, or
- Long Life Filter Configuration (Enhanced M10600/M10605), and
- Battery

POWER CORD

Used to connect concentrator to AC power receptacle.

CONTROL PANEL FEATURES

CONDITIONS	CAUSE
<i>AC Power</i>	<i>Solid Green LED</i>
<i>Normal Oxygen Condition</i>	<i>OPI units only (Model 605); solid green LED with no alarm sound</i>
<i>Low Oxygen Alert Condition with Red LED</i>	<i>Solid yellow LED with intermittent (every 2 seconds) audible alarm</i>
<i>Alarm Condition</i>	<i>Solid red LED and continuous audible</i>
<i>Start-up Test</i>	<i>Light all LED's and sound audible alarm for 2 seconds after power on</i>
<i>Warm-up Condition</i>	<i>OPI units only (Model 605); blinking yellow LED with no alarm sound.</i>