

Specifications

Product name	Portable oxygen concentrator			
Product model	WeOxy Q7	WeOxy Q6	WeOxy Q5	WeOxy Q4
Product size	L / W / H: 6.97 in/3.03 in/7.64 in (17.7cm/7.7cm/19.4cm)			
Net weight	WeOxy Q4, WeOxy Q5: 3.97 lbs/WeOxy Q6, WeOxy Q7: 4.12 lbs			
Sound level	Maximum sound power level: 57.9 dBA (at maximum flow setting S) Maximum sound pressure level: 50.5 dBA (at maximum flow setting S) Typical alarm sound pressure level: 58.8-60.9 dBA (Measured at lowest and highest flow settings, inside the carry bag) (Sound pressures measured at 1 meter per ISO 3744)			
Oxygen concentration	90% - 3% /+ 5.5% at all settings			
Warm up time	2 minutes			
Inspiratory trigger sensitivity	<0.12 cmH2O			
Maximum outlet pressure	<28.9 PSI (199 kPa,50 SLPM)			
Flow control settings	Pulse dose setting 1,2,3,4,5,6,S	Pulse dose setting 1,2,3,4,5,6	Pulse dose setting 1,2,3,4,5	Pulse dose setting 1,2,3,4
Bolus setting and size per bolus	See table below. Based upon Breath rate and setting. Total delivered: 210 to 1470 ml/min			
Maximum recommended flow	1.47L/min (When WeOxy Q7 is set to flow rate S, oxygen concentration 90%-3%/+5.5% (V/V) 1.26L/min (When WeOxy Q6 is set to flow rate 6, oxygen concentration 90%-3%/+5.5% (V/V) 1.05L/min (When WeOxy Q5 is set to flow rate 5, oxygen concentration 90%-3%/+5.5% (V/V) 0.84L/min (When WeOxy Q4 is set to flow rate 4, oxygen concentration 90%-3%/+5.5% (V/V)			
AC power	100 to 240 VAC,100VA,50 to 60 Hz/Auto-Sensing:2.0-1.0A			
DC power	13.0~16.8 VDC, 100W, Max voltage: 12.0 to 16.8 VDC (±0.5)			
Battery Duration	High-performance battery duration in hours(BA-408)1:10~6:50hrs Power battery duration in hours(BA-704)1:25~8:00hrs			

Respiratory rate	10-40 BPM						
Flow setting	1	2	3	4	5	6	S
Total flow (ml/min)	210±15%	420±15%	630±15%	840±15%	1050±15%	1260±15%	1470±15%
Battery re-charge time	Up to 2hrs (100W Type-C super fast charge)						
Operating temperature *	23°F (-5°C) to 104°F (40°C)						
Operating humidity	5% to 90%,non-condensation state						
Operating Altitude**	0 to16,400ft (0 to 5000 meters)						
Operating atmospheric pressure	54kPa-106kPa						
Shipping and storage temperature	-31°F (-35°C) to 158°F (70°C)						
Shipping and storage humidity	≤90%, non-condensation state						
Transportation requirement	Keep dry, handle with care, do not turn upside down or place on its side, do not rotate						
Category of protection against electric shock	Class II						
Extent of protection against electric shock	Type BF applied part						
Measurement uncertainties	Pulse volumes: ± 15% of rated volume Pressure: ± 0.03 psig (General) / ± 0.05 cm H2O (Inspiratory Trigger Sensitivity) Oxygen concentration: ± 3% (not accounting for temperature, barometric pressure, and time from measurement device calibration)						
Use in flammable anesthetic gas environments	Not suitable for use in the presence of flammable anesthetic mixtures with air, oxygen, or nitrous oxide.						

*Based on atmospheric pressure of 14.7 psi (101 kPa) at 68°F (20°C) & Dry (STPD)

**Operating outside of these operational specifications can limit the concentrator's ability to meeting Oxygen Concentration specification at higher liter flow settings.