

NEXT GENERATION PORTABLE THERAPEUTIC LIQUID OXYGEN SYSTEM (NPTLOX)

P/N 50C-0083-1 | NSN 6530-01-585-4676

Shown with included accessory kit



The Next Generation Portable Therapeutic Liquid Oxygen System (NPTLOX) is a low pressure portable 20 liter liquid oxygen storage and gaseous delivery system.

DURATION OF REMAINING OXYGEN SUPPLY IN MINUTES AT SPECIFIED FLOW RATE

LOX	GAS	60 L/min	45 L/min	30 L/min	15 L/min
20	17,200	287	382	573	1,147
19	16,340	272	363	545	1,089
18	15,480	258	344	516	1,032
17	14,620	244	325	487	975
16	13,760	229	306	459	917
15	12,900	215	287	430	860
14	12,040	201	268	401	803
13	11,180	186	248	373	745
12	10,320	172	229	344	688
11	9,460	158	210	315	631
10	8,600	143	191	287	573
9	7,740	129	172	258	516
8	6,880	115	153	229	459
7	6,020	100	134	201	401
6	5,160	86	115	172	344
5	4,300	72	96	143	287
4	3,440	57	76	115	229
3	2,580	43	57	86	172
2	1,720	29	38	57	115
1	860	14	19	29	57

- FDA Life Support device 510(k) number K033000
- Indicator Power runs on two (2) 9-Volt Lithium Batteries
- Six (6) Schrader Quick Disconnect Ports
- CRU-50/A Fill Valve

Accessory Kit (P/N 50C-0021-0001-1) Includes:

Three (3) 20' Medical Grade Hoses
 Three (3) Flow Control Valves: 0 to 15 LPM with
 11 Settings (0.5, 1, 2, 3, 4, 5, 6, 8, 10, 12, 15 LPM)
 Three (3) Humidifier Bottles
 Three (3) Schrader Quick Disconnect Adapters

Applications

Can be carried by ground support personnel and can also be mounted in an aircraft or ground vehicle.

CAPACITY	20 Liters
DIMENSIONS (W" x L" x H")	22 x 24 x 30
WEIGHT, FULL	155 lbs
WEIGHT, EMPTY	105 lbs
TOTAL GASEOUS VOLUME	17,200 Liters
SYSTEM INTERNAL PRESSURE	85-120 PSIG
DELIVERY/OUTLET PRESSURE	50± 5 PSIG
OPERATING TEMPERATURE	32° F to 110° F

