



DISCOV-R™

Continuous & Pulse Flow Portable Oxygen Concentrator

Item#

RES70051004 DISCOV-R with 1 Battery (Without Cart and Backpack)

RES70051005 DISCOV-R with 2 Batteries (Without Cart and Backpack)

RES70051001 DISCOV-R with 1 Battery (With Cart and Backpack)

RES70051002 DISCOV-R with 2 Batteries (With Cart and Backpack)



The world's
smallest
**continuous flow
concentrator**

Airgonomically™ designed using Belluscura's patented ModulAir™ technology, the compact DISCOV-R weighs less than 6.5 lbs, producing more oxygen per pound than any other portable oxygen concentrator.

Features:

- **4 continuous flow settings** (0.5, 1.0, 1.5, 2.0 LPM)
- **8 pulse flow settings**
- **Weights only 6.5 lbs**
- **FAA compliant for air travel**



*Weights less than
6.5 lbs. with battery!*



Lightweight

Weights only 6.5 pounds (2.95kg) with battery



User-Friendly

User-replaceable oxygen enrichment cartridge and direct-charge batteries



Airgonomically™ Designed

Designed to be small and discreet for easy travel



Bluetooth Capability

Connect the DISCOV-R to your mobile device through the Nomad Biometrics app



Multiple Flow Settings

8 pulse flow oxygen settings + 4 continuous flow settings delivering up to 2000mL/min



All-In-One Solution

With both pulse dose and continuous flow settings, the DISCOV-R can be used as a home unit as well as for traveling



FAA Compliant

Take your device with you when you travel by air



What's Included

- DISCOV-R™ Unit
- 8-Cell Battery
- Pair of User-Replaceable Cartridges
- Air Intake Filter
- AC Power Adapter
- DC Power Adapter
- Carry Bag with Handle & Shoulder Strap
- Standard 3-Year Warranty

Optional Accessories

- Backpack
- Cart

Pulse and Continuous Flow Portable Oxygen Concentrator. The DISCOV-R weighs 6.5 lbs*, with a lightweight design that is perfect for patients looking to replace their heavy, metal oxygen tanks and live a more mobile, active lifestyle.

*Weight with battery.

Specs

Dimensions L x W x H: 9.9 in x 4.1 in x 7.9 in

Weight ≤ 6.5 lbs (2.95 kg)

Auditory Output < 39 dB(A) at Level 2

Charge Duration ≤ 4.5 Hrs

Charge Time ≤ 6 Hrs

Flow Settings & Oxygen Pulse Volume

	Setting 1	Setting 2	Setting 3	Setting 4	Setting 5	Setting 6	Setting 7	Setting 8
Breaths Per Minute	Pulse volumes (ml) +/- 15%, per ISO 80601-2-67							
15	16.7	33.3	50.0	66.7	83.3	93.3	103.3	113.3
20	12.5	25.0	37.5	50.0	62.5	70.0	77.5	85.0
25	10.0	20.0	30.0	40.0	50.0	56.0	62.0	68.0
30	8.3	16.7	25.0	33.3	41.7	46.7	51.7	56.7
35	7.1	14.3	21.4	28.6	35.7	40.0	44.3	48.6
40	6.3	12.5	18.8	25.0	31.3	35.0	38.8	42.5
Total Volume Per Minute (ml/min)	250	500	750	1000	1250	1400	1550	1700
Continuous Flow								
	0.5 L	1 L	1.5 L	2 L				

The nominal pulsed volume in the table above is in (ml) at STPD (Standard temperature and pressure dry) 101.3kPa at an operating temperature of 20°C dry. Ranges apply over the rated ranges for ambient temperatures, humidity, and atmospheric pressure. Oxygen purity is above 82% at all flow settings.

To order or for more information

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