




[Home](#) » [SunSet](#) » **SUNSET RES70051004 DISCOV-R Continuous and Pulse Flow Portable Oxygen Concentrator Instruction Manual** 



**RES70051004 DISCOV-R Continuous and Pulse Flow Portable Oxygen
Concentrator
Instruction Manual**

Contents [[hide](#)]

- [1 RES70051004 DISCOV-R Continuous and Pulse Flow Portable Oxygen Concentrator](#)
- [2 What's Included](#)
- [3 Flow Settings & Oxygen Pulse Volume](#)
- [4 Documents / Resources](#)
 - [4.1 References](#)

**RES70051004 DISCOV-R Continuous and 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)

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
- Weighs only 6.5 lbs
- FAA compliant for air travel



Weighs less than 6.5 lbs. with battery!



Lightweight

Weighs 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

P 312.997.9980 E sales@sunsethcs.com W SUNSETHCS.COM

Documents / Resources

	<p>SUNSET RES70051004 DISCOV-R Continuous and Pulse Flow Portable Oxygen Concentrator [pdf] Instruction Manual</p> <p>RES70051004, RES70051004 DISCOV-R Continuous and Pulse Flow Portable Oxygen Concentrator, DISCOV-R Continuous and Pulse Flow Portable Oxygen Concentrator, Continuous and Pulse Flow Portable Oxygen Concentrator, Pulse Flow Portable Oxygen Concentrator, Portable Oxygen Concentrator, Oxygen Concentrator</p>
---	---

References

- [User Manual](#)

■ SunSet

🔍 Continuous and Pulse Flow Portable Oxygen Concentrator, DISCOV-R Continuous and Pulse Flow Portable Oxygen Concentrator, Oxygen Concentrator, Portable Oxygen Concentrator, Pulse Flow Portable Oxygen Concentrator, RES70051004, RES70051004 DISCOV-R Continuous and Pulse Flow Portable Oxygen Concentrator, SunSet

—Previous Post

[SUNSET CAP003 CPAP Meter Instruction Manual](#)

Leave a comment

Your email address will not be published. Required fields are marked *

Comment *

Name

Email

Website

☐ Save my name, email, and website in this browser for the next time I comment.

Post Comment

Search:

e.g. whirlpool wrf535swhz

Search

[Manuals+](#) | [Upload](#) | [Deep Search](#) | [Privacy Policy](#) | [@manuals.plus](#) | [YouTube](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.