



\*NABL Lab Certified  
for performance  
CERT No: 2457



\*CE Certified



## 02 OPTIMISER

Saves Oxygen upto 50%

**SIMPLE | EFFECTIVE | NO POWER CONSUMPTION**

O2 Optimiser uses a unique pressure balancing technology that is able to balance the requirement of pressure and volume. Always ensures uninterrupted flow.

### Special features:

- No moving parts
- Can be used in hospital lines and on cylinders
- High pressure and low pressure option
- Adapted for home and ambulance use

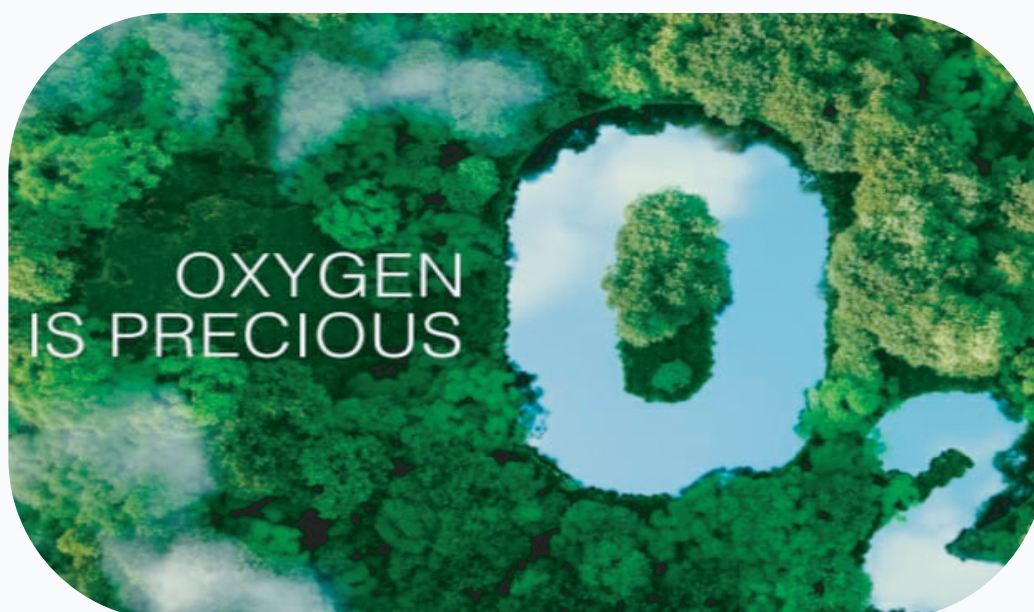


**Designed and developed in India with 100% locally sourced parts , O2 Optimiser will help save oxygen consumption for non invasive treatment by up to 50%.**

In the current scenario where oxygen supply is limited this will help save lives. O2 optimiser uses a unique pressure balancing technology that ensures maximum flow at the regulated pressure.

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Our onboard self powered micro chip ensures optimum pressure and volume ratio. Our test in hospitals have shown results where the oxygen consumption has reduced by 50% without any compromise on SpO2%. This is because we can give pure o2 at a very comfortable pressure and volume to the patient thus ensuring high oxygen absorption. This unit can be attached to the oxygen cylinder (all types) or in the hospital O2 outlet thus making it very versatile.





Scientific Temper



Honesty, Humility



## NORTHLAB (INDIA) PVT. LTD.

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CERT No. CC-2457

### Calibration Certificate

<b>Cert. No.</b>	: 1410521-M301	<b>ULR. No.</b>	: CC245721100001155F
<b>Date of Issue</b>	: 27-May-2021	<b>Page</b>	: 1 of 1
<b>Customer</b>	: Q-TRACK HEALTH SYSTEMS PVT LTD	<b>Date Received</b>	: 27-May-2021
<b>Address</b>	: No.7, Khadar Nawaz Khan Road, Nungambakkam, Chennai - 600 006.	<b>Date Calibrated</b>	: 27-May-2021
<b>Instrument</b>	: <u>O2 OPTIMISER</u>	<b>Due Date</b>	: 26-Nov-2021
<b>Manufacturer</b>	: Q-TRACK HEALTH SYSTEMS	<b>Ambient Temp.</b>	: 25±1°C
<b>Model No.</b>	: 1.0	<b>Relative Humidity</b>	: 60±10% r.h.
<b>Part No.</b>	: ---	<b>Serial No.</b>	: 020052100424
<b>Location</b>	: ---	<b>Instrument ID.</b>	: ---
		<b>Range (Res.)</b>	: 0~40 l/min Input
		<b>Accuracy / MPE</b>	: ---
		<b>Test Results</b>	: As Found

#### METHOD OF CALIBRATION

1. The instrument was calibrated as per method no. FGM at customer premises in accordance with ISO/IEC 17025:2017(E).

Standard Instrument Used	ID No. / Cert. No	Cal. Date	Cal.Due	Traceability
1. Flow Calibrator	CA 483 2008 107	12-Aug-2020	12-Aug-2021	FCRI
2. Flow Calibrator	NL 100LPM/21	12-Apr-2021	11-Apr-2022	NLI

#### RESULTS OF FLOW CALIBRATION

INPUT MASTER READING(lpm)	OUTPUT MASTER READING (lpm)	RATIO	MEASUREMENT UNCERTAINTY(±)% of rdg
4.66	7.9	1.7	1.42
11.1	17.6	1.6	1.00
15.78	28.5	1.8	1.00
19.53	42.4	2.2	1.00
23.68	56.2	2.4	1.00

REMARKS / DEVIATIONS IF ANY (SEE BACK OF THIS PAGE)

A.B.  
A.Rajendran  
Calibration Officer

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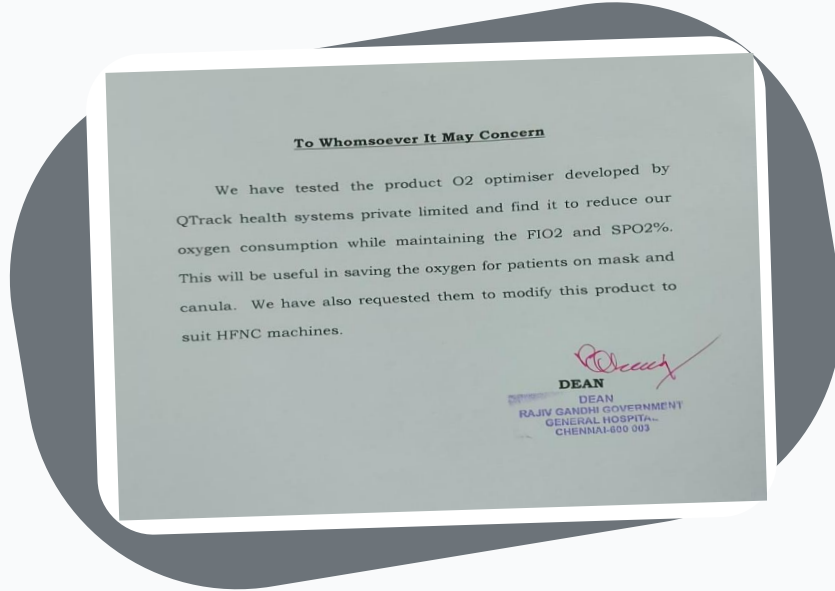
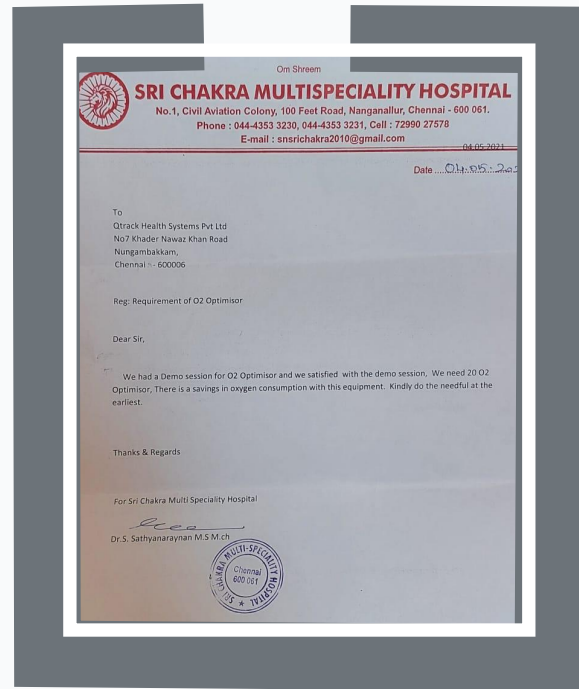
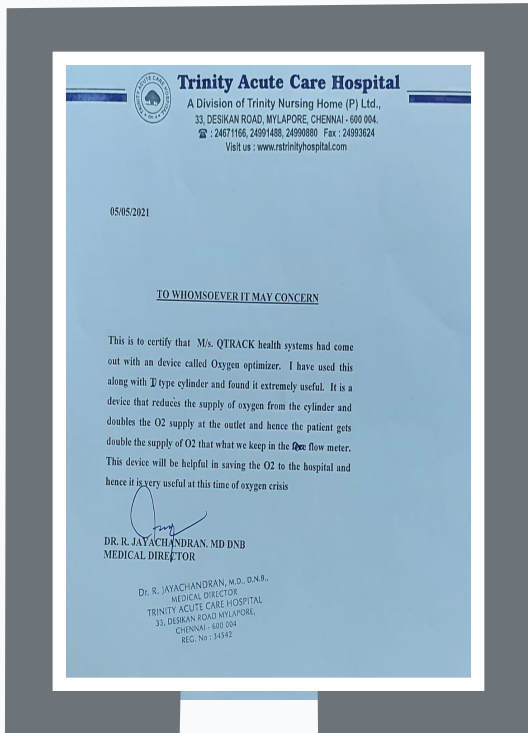
A.Murugappan / L.Muthuraman

Authorised Signatory  
NorthLab (I) Pvt. Ltd

\*\*\*End of Certificate\*\*\*



## APPRECIATION LETTERS



## CONTACT

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