



Breathe with me...

**Nafasyar Teb Co.**

Nafasyar Teb Knowledge-based Company

The first producer of Standard Oxygen Generators in Iran

With 5 years of production record



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### Introduction of the company:

In early 2014, a number of medical and engineering experts came together to respond to a part of the needs of the society and this commitment for co-operation, with a sacred goal, lead to the foundation of a knowledge-based "company named "Nafasyar Teb

This center aims to bestow a better life to the patients. Nafasyar Teb, as it is clear from its name, prioritizes designing and producing respiratory equipment. By demand announcement from physicians and respond from the .best engineers of the country, this center has progressed very quickly This company in the first year of its foundation managed to register its first knowledge-based product and market it with the best quality and up-to-date standards of the world as the indication of its credibility

Nafasyar Teb products has acquired ISO13485:2016, ISO9001:2015 and ISO8359 standards and it has the production license from Industry, Mines and Trading Ministry and the production license from Healthcare, Medication and Medical Education Ministry

24-hour consultation services 02140443936

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Headquarter address: No. 33, Pardis 1 Building, Pardis Street, after Javanmardan Park, Hemmat Highway to the East, Tehran

### Oxygen Generator SOSHYA SA5 / SOSHYA SA10

- \* Very low sound, suitable for 24-hour application
- \* With specific display
- \* Equipped with separate Nebulizer output
- \* Monitoring the purity of the produced Oxygen
- \* With 5 layers of air filters together with anti-bacterial filter, which prohibits .the entrance of impurities and bacteria
- \* Smart board and automatic alarm for high temperature, low or high pressure, power outage, and decreased oxygen purity
- \* With a timer to automatically turn off the machine
- \* Equipped with a system to save the application data
- \* High output pressure for using longer tubes
- \* Oxygen purity 96%
- \* Two years of guarantee and ten years of after-sales services

Model	Dimensions	Consumed Power	Weight (kg)	Maximum output	Oxygen Purity Degree	Machine Noise
SOSHYA SA 5	42*36*65	350 W	17.5 ± 0.3	5 liters/min	94±2	47 Db
SOSHYA SA 10	42*36*65	650 W	23.5± 0.3	10 liters/min	94±2	55 Db



## Portable Oxygen analyzer Model: PA01

Portable Oxygen analyzer is a tool to measure the degree of Oxygen purity. This sensor uses the newest technology of gases measurement based on waves, which has more efficiency and a better lifetime compared to electrochemical sensors of the old generation. It does not need constant calibration and probe purchase any more. This sensor can constantly measure the purity of Oxygen. It has a long life and it is not dependent on the time of use like electrochemical sensors

### Major features:

- \* Measurement of Oxygen purity using waves technology
- \* Small size and portable
- \* Stability in Oxygen measurement
- \* Capability of working with battery and adapter
- \* High precision and proper price
- \* No need for constant calibration
- \* Long life (more than 5 years)



### Application cases:

This tool can be used to test home and hospital Oxygen generators, respiratory equipment, Oxygen capsules and all the cases in which there is a need to measure the purity of Oxygen



## Technical features of the central Oxygen analyzer Model CA01

Oxygen measurement technology	Based on waves
Measured gas	Oxygen
Range of measurement	%21 - %99
Resolution	%0.1
Measurement accuracy	±%1.8@(10-45)°C
Usable temperature	10 – 55 °C
Response time	1.5 seconds
Maintenance temperature	20 – 60 °C
Usable humidity	%5 – %85
Maximum functional pressure	150 Kpa
Power supply	220 V – 50 HZ
Dimensions	L: 185 W: 105 H: 40
Wight	600 gr
Measured air conditions	The measured air should be free of water or dust



## Technical features of portable Oxygen analyzer Model PA01

Oxygen measurement technology	Based on waves
Measured gas	Oxygen
Range of measurement	%21 - %99
Resolution	%0.1
Measurement accuracy	±%1.8@(10-45)°C
Usable temperature	10 – 55 °C
Response time	1.5 seconds
Maintenance temperature	20 – 60 °C
Usable humidity	%5 – %85
Maximum functional pressure	150 Kpa
Power supply	Rechargeable battery
Dimensions	L: 135 W: 80 H: 35
Wight	500 gr
Measured air conditions	The measured air should be free of water or dust



## Central Oxygen Analyzer Model: CA01

The central Oxygen analyzer is a tool to measure the degree of Oxygen purity. This sensor uses the newest technology of gases measurement based on waves, which has more efficiency and a better lifetime compared to electrochemical sensors of the old generation. It does not need constant calibration and probe purchase any more. This sensor can constantly measure the purity of Oxygen. It has a long life and it is not dependent on the time of use like electrochemical sensors. This analyzer reports the purity of Oxygen in the productive equipment in an online routine and it is connected to an Internet port that can give numerous purity and time reports to the user

### Major features:

- \* Measurement of Oxygen purity using waves technology
- \* Stability in Oxygen measurement
- \* Capability of working with 220 V electricity
- \* High precision and proper price
- \* No need for constant calibration
- \* Long life more( than 5 years)
- \* Capability of constant analysis
- \* Capability of online analysis connected to Internet port
- \* Capability of giving standard reports based on the format needed by Healthcare Ministry
- \* Capability of supporting various telephone lines to give alarms in short message form and voice call in case of disorder in the functioning of Oxygen producer
- \* Capability of GPS positioning and connecting to Internet connection



### Application cases:

This tool can be used for constant analysis of hospital Oxygen generators function, industrial Oxygen producers, and all the cases in which there is a need to measure the purity of Oxygen