Easily check the workplace air quality, and
Prevent the spread of infectious diseases like COVID-19!

Q What is co-S.U.M?

A co-S.U.M is a smart air quality evaluation tool that is free and easy for everyone to use to assess air quality in a given workplace.

Q Where can I use it?

A co-S.U.M is especially useful for businesses and workplaces that are densely populated, poorly ventilated, and featuring workers often working in close vicinity from one another, including call centers and others that receive and serve unspecified many customers.
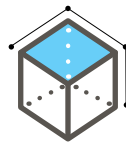
Q What should I do when the air quality I checked is poor?

A You can follow the actions recommended by co-S.U.M, such as ventilating the area and checking the heating, ventilating and air-conditioning (HVAC) system. You can also apply for the KOSHA's detailed analysis and support for workplace air quality improvement (see the following page).

※ According to Korea's Central Disaster and Safety Countermeasures Headquarters, ventilating a work space every hour can help reduce the COVID-19 viral load present in the room by 99 percent.

How to use co-S.U.M

❶ Enter the volume of your work space (width, height, length).

Width x length x height

* Work space volume (m^3)
Width
_____ m
Length
_____ m
Height
_____ m

❷ Enter the number of workers and their average work hours per day.

* Number of workers
_____ persons
Avg. daily work hours
_____ hours

❸ Enter the relative rigor of workers' tasks performed in the space.

* Strength level of work

○ Light work (office tasks)
○ Medium work (lots of telephone usage, upper-body movements)
○ Heavy work (lots of whole-body movements, running, calisthenics)
○ Very heavy work (handling of heavy objects, physical exertion)

❹ Rate how well the space is ventilated.

There is a ventilator. (There is no ventilator.)	▶	Number of ventilation attempts per hour (If not known, choose "Unknown")	▶	Ventilation quality, etc.

안전은 권리입니다

KOSHA
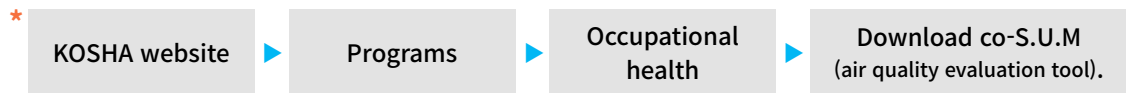Future Specialized Technology
Institute

Workplace Ventilation Improvement Program Guide

KOSHA provides an in-depth analysis of workplace air quality and supports workplaces' ability to manage air quality better.

How to apply

Fill out the application form* and submit it to the KOSHA.

Email: cosum@kosha.or.kr   **Fax:** 052-703-0317

*

| KOSHA website | ▶ | Programs | ▶ | Occupational health | ▶ | Download co-S.U.M (air quality evaluation tool). |

Selection

Applications are reviewed and applicants are contacted individually.

Preferences

- Work spaces whose air quality scored "poor" and "very poor" on co-S.U.M
- Work spaces that operate or contain call centers

※ KOSHA selects and supports applicants only to the extent that its manpower and equipment are capable of handling. Consultation is needed to determine details of support, including scheduling for analysis.
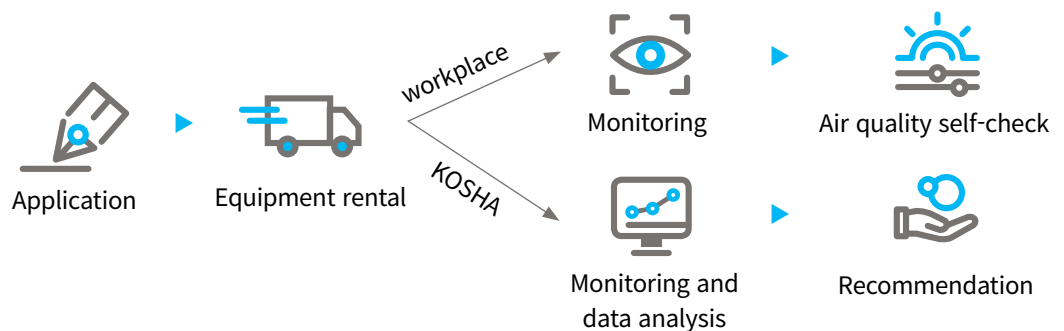
Analyzing Workplace Air Quality, KOSHA helps you!

KOSHA's specialists will visit your workplace, monitor and analyze air quality, and help you decide on actions.

Application ▶ In-depth evaluation ▶ Data analysis ▶ Recommendation

Check air quality yourself with KOSHA's Smart Air Quality Tool!

Managers on site can check air quality in real time (Available both on PC and Mobile).

Application ▶ Equipment rental

→ workplace → Monitoring ▶ Air quality self-check

→ KOSHA → Monitoring and data analysis ▶ Recommendation

For more information, visit OSH Future Technology Institute at KOSHA