



Showcasing Future Releases

LS-880H

~ Dust Respirators with inhalation assisting device ~

It effectively prevents workers from being exposed to dust, and by blowing air with an intake aid, it assists breathing and reduces breathlessness.

DUST RESPIRATORS WITH AN INHALATION ASSISTING DEVICE not only functions as a dust mask, but also uses an inhalation aid to deliver clean air, reducing the wearer's breathlessness while working.

Compared to the P-PAPR, the mask does not always provide positive pressure when breathing because the electric fan blows less air, but high protective performance can be obtained by properly fitting and fitting the mask to the face contact area.

Material for face contact area is Silicon and is kind to skin. High protective performance can be obtained by properly fitting and fitting the mask to the face contact area.

LS-880 is with filter which meets dust protection standard in stone market (meets respiratory protection N95 equivalent standard).

Specification.

Silica dust control measures N95

It relieves breathlessness with inhalation assistance



Q & A:

Q.1 Is LS-880 NIOSH approved respirator?

A.1 LS-880 is a Dust Protection Respirator which has N95 equivalent performance level, but it is not approved by NIOSH.

LS-880 is meeting N95 specifications under Code of Federal Regulations (42 CFR part84) which spec is accepted and certified by National Institute of Occupational Safety and Health (NIOSH).

LS-880 is meeting Japanese national standard RL2, and is N95 standard level compliant Respirator.

Q.2 Does it have plan to get NIOSH N95 certification approval?

A.2 Huge expense should be needed to have NIOSH N95 certification, it is hard to consider to get it easily.

It cost much to have factory audit (at Japan) and to procure required assaying equipment and so on.





Performance		95 (Filterability: ≧ 95.0%)	99 (Filterability: ≧ 99.0%)	100 (Filterability: ≧ 99.97%)
Section	N Not resistant oil (Test particle : NaCl)	N95	N99	N100
	R Not resistant oil (Test particle : DOP)	R95	R99	R100
	P Not resistant oil (Test particle : DOP)	P95	P99	P100

Performance		1 (Filterability: ≧ 80.0%)	2 (Filterability: ≧ 95.0%)	3 (Filterability: ≧ 99.9%)
D:Disposable / R:Replaceable	S:Solid (Test particle : NaCl)	DS1 / RS1	DS2 / RS2	DS3 / RS3
	L:Liquid (Test particle : DOP)	DL1 / RL1	DL2 / RL2	DL3 / RL3

Q.3 Does its battery charger work with 120V (US voltage)?

A.3 The sample is for showcasing exhibition,
Requested to employ voltage transformer for the time being.

Q.4 What is exchange frequency (cycle) of filters?

A.4 Frequency should be depending on the environmental condition of workplace. When used in dry condition, life of filter is much shorter than it in wet condition.
For your information, replacement cycle is approximately one month when used 8 hours on 5days in a week on the testing at a sand-blasting factory in Japan.

Q.5 What is the advantage of LS-880 compared to disposable masks?

A.5 This device provides clean air to workers, and it eases breathing of workers on grinding work.
And it helps much to reduce stress of workers and also helps to improve work efficiency.

