



# Sync01 Powered Air Purifying Respirator

## PRODUCT DESCRIPTION

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Breath responsive PAPR of Full face mask integrated with a fan unit and battery making it "Compact", "Economical", "Light", with a high protection.  
Full Face Mask, but a Genuine PAPR.

## APPLICATION

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Sync01 Powered Air Purifying REspirator can **ONLY** be used with "V Series" filter. Please refer to "COMPATIBLE FILTERS" for further information of filters.

## KEY FEATURES

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Easy breathing

Long life and light battery

High protection

Cordless

Switchless

LED indicators

IP65 certified

Breath responsive PAPR provides clean filtered air by fan as you inhale.

Breath responsive makes a long battery life with light weight built-in battery.

Positive pressure is maintained inside the mask.

No battery connection cable which does not disturb your work.

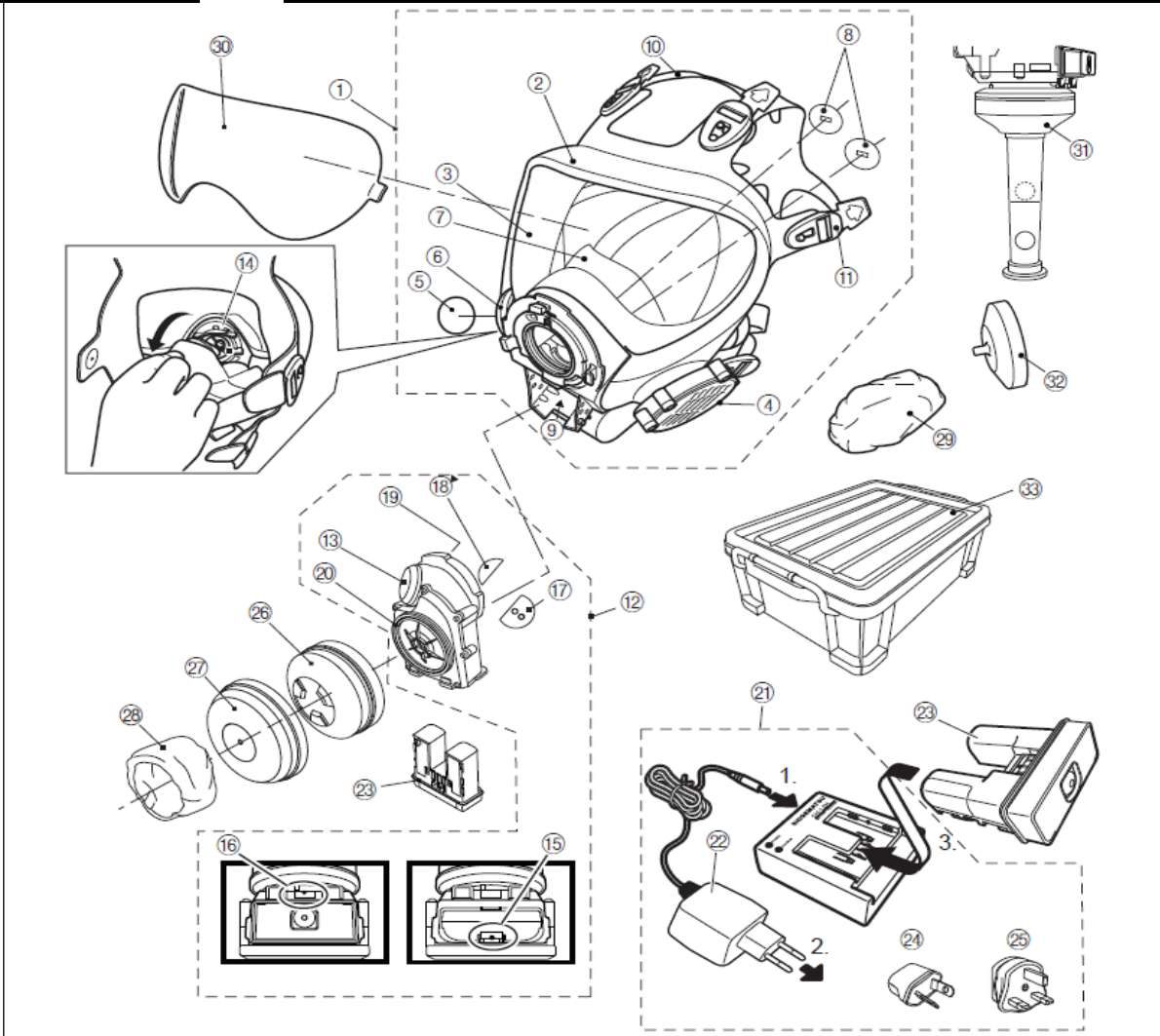
Automatic ON/OFF function.

Two indicators for Battery life and filter replacement .

Facepiece can be washed with water (removable fan unit).

## TECHNICAL DATA

Material	SBC (Stylene-butadiene copolymers)
Sizes	Medium (M), Large (L)
Visor	Anti-scratch coated polycarbonate
Connector	"Bayonet" connectors for use with STS "V Series" filters
Weight	Approx. 755-770g (includes facepiece, fan unit, filter, and battery)
Approvals	EN12942:1998+A2:2008 TM3 / IEC 60529:2001 IP65 rated



## PARTS LIST

No.	Part name		Product Code	Packing Unit
F a c e p i e c e	① *Facepiece "FP-E01" (Includes: Inner Mask & Head Harness)	M	41731	1 pc / pack
		L	41732	
	*Facepiece (Excludes: Inner Mask & Head Harness)	M	40500	1 pc / pack
		L	40501	
	② Face Blank		-	-
	③ Visor		-	-
	④ Speech Diaphragm		-	-
	⑤ *Exhalation valve		50000	5 pcs / pack
	⑥ *Exhalation Valve Cover		41474	1 pc / pack
	⑦ *Inner Mask		41114	1 pc / pack
	⑧ *Inner Mask Valve		50122	5 pcs / pack
⑨ *Drain Valve		50008	5 pcs / pack	
⑩ *Head Harness		41401	1 pc / pack	
⑪ Buckle		-	1 pc / pack	
F a n  U n i t	⑫ *Fan Unit "FU-E01"		41730	1 pc / pack
	⑬ Breathing Monitor		-	-
	⑭ Filter Replacement Indicator		-	-
	⑮ Battery Lock Lever		-	-
	⑯ Battery Life Indicators		-	-
	⑰ *Inhalation Valve		03127	5 pcs / pack
	⑱ *Guarding Sponge "#03124"		03124	5 pcs / pack
	⑲ *Gasket Fan Unit - Facepiece		03123	10 pcs / pack
	⑳ *Gasket Filter - Fan Unit		41482	10 pcs / pack
	㉑ *Charger "CH-L2HAC"		41734	1 pc / pack
㉒ AC adaptor		-	-	
㉓ *Battery "BA-L2H-E"		41735	10 pcs / pack	
㉔ *Conversion Plug O		41192	10 pcs / pack	
㉕ *Conversion Plug BF		41193	10 pcs / pack	
O t h e r s	*Particle filter "VP3"		40350	10 pcs / carton
	㉖ *Combined filter "VA1P3"		40250	20 pcs / carton
	*Combined filter "VABE1P3"		40251	20 pcs / carton
	㉗ *Filter Guard "#50583"		50583	1 pc / pack
	㉘ *Unit Cover "Knit Cover 1R"		02800	10 pcs / pack
	㉙ *Speech Diaphragm Cover "#03058"		03058	10 pcs / pack
	㉚ *Visor Protection Cover "Type CF"		02659	5 pcs / pack
	㉛ *Airflow Tester "FM-6"		04478	1 pc / pack
㉜ *Fit checker "R18"		13001	1 pc / pack	
㉝ *Storage Case		41194	1 pc / pack	

\*=Spare parts available for purchase

## COMPATIBLE FILTERS

Filter	Product name	Filter Type	Colour code	Application
Particle filter	VP3	P R SL	White	Solid and liquid particles
Combined filter	VA1P3	A1 P R SL	Brown, White	Organic vapour, particles
Combined filter	VABE1P3	ABE1 P R SL	Brown, Grey, Yellow, White	Organic vapour, Inorganic vapour, Sulfur dioxide, Acid gas, particles

## MATERIALS

Component	Material
1. Facepiece "FP-E01"	
Face Blank	SBC (Styrene-butadiene copolymers)
Visor	Polycarbonate
Speech diaphragm	ABS (Acrylonitrile butadiene styrene), Teflon, SUS
Exhalation Valve	Silicone Rubber
Exhalation Valve Cover	PBT (Polybutylene terephthalate)
Inner Mask	SBC (Styrene-butadiene copolymers)
Inner Mask Valve	Silicone Rubber
Drain Valve	Silicone Rubber
Head Harness	TPU (Thermoplastic polyurethane), PBT (Polybutylene terephthalate)
2. Fan Unit "FU-E01"	
Inhalation Valve	Silicone Rubber
3. Battery "BA-L2H-E"	
Battery	Lithium-ion battery

## IMPORTANT NOTICE

All information contained in tables and notes have been compiled using skills and diligence. SHIGEMATSU WORKS CO., LTD. publishes such information in good faith however will not be responsible for any errors or omissions contained in this guide.