

# **Sync11 Powered Air Purifying Respirator**

#### PRODUCT DESCRIPTION

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

## **APPLICATION**

Sync11 Powered Air Purifying REspirator can **ONLY** be used with "V Series" filter. Please refer to "COMPATIBLE FILTERS" for further information of filters.

#### **KEY FEATURES**

Easy breathing	Breath responsive PAPR provides clean filtered air by fan as you inhale.
Long life and light battery	Breath responsive makes a long battery life with light weight built-in battery.
High protection	Positive pressure is maintained inside the mask.
Cordless	No battery connection cable which does not disturb your work.
Switchless	Automatic ON/OFF function.
LED indicators	Two indicators for Battery life and filter replacement.
Half mask with TM3 protection	Wear like the negative pressure half mask, but provides the highest TM3 protection.

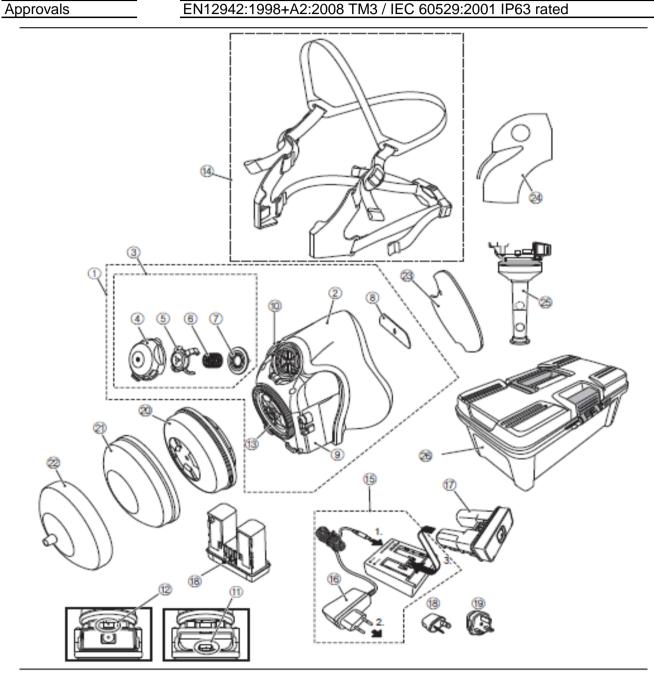
## **TECHNICAL DATA**

Material
Sizes
Connector
Weight

Silicone rubber

Universal size

"Bayonet" connectors for use with STS "V Series" filters
Approx. 450g (includes facepiece unit, filter, and battery)
EN12942:1998+A2:2008 TM3 / IEC 60529:2001 IP63 rated



# **PARTS LIST**

No	Part name	Product Code	Packing Unit
1	*Facepiece Unit "MU-E11" (Includes: Inner Mask & Head Harness)	40490 <sup>*1</sup>	1 pc / pack
2	Face Blank	-	-
$= \frac{3}{4}$	*Spring-loaded exhalation valve	41380 <sup>*2</sup>	5 pcs / pack
$\overline{4}$	*Exhalation valve cover	41475	1 pc / pack
c (5)	*Exhalation valve spring cover	41381	5 pcs / pack
<del>_</del> 6	*Exhalation valve spring	41382	5 pcs / pack
$\sqrt{2}$	*Exhalation valve	41291	5 pcs / pack
	*Inhalation valve	50123	5 pcs / pack
9	Fan unit	-	-
	Filter replacement indicator	-	-
	Battery lock lever	-	-
12	Battery life indicators	-	-
<u>13</u>	*Gasket	41482	10 pcs / pack
14	*Head harness	41419	1 pc / pack
<u>15</u>	*Charger "CH-L2HAC"	41734 <sup>*3</sup>	1 pc / pack
a 16	AC adaptor	-	-
r <u>1</u>	*Battery "BA-L2H-E"	41735	10 pcs / pack
g <u>18</u>	*Conversion Plug O	41192	10 pcs / pack
r 19	*Conversion Plug BF	41193	10 pcs / pack
	*Particle filter "VP3"	40350	1 pc / pack
20	*Combined filter "VA1P3"	40250	1 pc / pack
) <del></del>	*Combined filter "VABE1P3"	40251	1 pc / pack
<u>21</u>	*Filter guard	50583	1 pc / pack
22	*Fit checker "R18"	13001	1 pc / pack
23	*Inner sponge	03117	10 pcs / pack
$\overline{24}$	*Unit cover	41450	10 pcs / pack
t 20 i 23 o 24 o 25	*Airflow tester "FM-6"	04478	1 pc / pack
<u>26</u>	*Storage case	41196	1 pc / pack

<sup>\*</sup>Spare parts available for purchase \*1 ②-③ are attached.

# **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

<sup>\*2</sup>  $\overset{\circ}{\cancel{4}}$ - $\overset{\circ}{\cancel{7}}$  are attached.

<sup>\*3 (</sup>b) is attached.

## **MATERIALS**

Component	Material
1. Facepiece "MU-E11"	
Face Blank	Silicone Rubber, PBT(Polybutylene terephthalate)
Exhalation Valve	Silicone Rubber, Polycarbonate
<b>Exhalation Valve Spring</b>	Stainless
Gasket, Inhalation Valve	Silicone Rubber
Spring Cover	PBT(Polybutylene terephthalate)
2. Main Unit	PBT(Polybutylene terephthalate), Polyester thermoplastic elastomer
3. Head Harness	
Head Band	Polyethylene
Adjuster, Buckle	Polyacetal
4. 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.