
















Suction, Blow, Suction & Blow

| | | |
|---|---|--|
|  |  |  |
| 1 MODEL SG220(SG100) TYPE Standard Type | 2 MODEL SG220M(SG100M) TYPE Fixed Type | 3 MODEL SG100G(SG220G) TYPE Remove static-electricity(Ion Gun) |
|  |  |  |
| 4 MODEL SG220 F01(SG100 F03) TYPE Bag Filter Type | 5 MODEL SG220 H03(SG100 H02) TYPE Hose Type | 6 MODEL SG220G F01(SG100G F03) TYPE Remove static-electricity(Ion Gun) |
|  |  |  |
| 7 MODEL SG220B H03 T50 (50ℓ) TYPE Tank Type | 8 MODEL SG220 H03 T50 + CYCLONE TYPE Cyclone Type | 9 MODEL SG100S H25 T04 (4ℓ) TYPE Clean Room |

Suction, Suction & Blow

| | | |
|---|---|--|
|  |  |  |
| 10 MODEL SG102G(SG222G) TYPE Remove static-electricity(Ion Gun) | 11 MODEL SG222M(SG102M) TYPE Fixed Type | 12 MODEL SG102MG(SG222MG) TYPE Remove static-electricity(Fixed Type) |
|  |  |  |
| 13 MODEL SG222 F01(SG102 F03) TYPE Bag Filter Type | 14 MODEL SG102G F03(SG222G F01) TYPE Remove static-electricity(Ion Gun) | 15 MODEL SG102G H25 T04 TYPE Remove static-electricity(Clean Room) |

Suction/Blow

| | | |
|---|---|--|
|  |  |  |
| 16 MODEL SG101 F03(SG221 F01) TYPE Bag Filter Type(Suction) | 17 MODEL SD220(SD100, SD360) TYPE Fixed Type(Suction) | 18 MODEL SG103 TYPE Jet Gun(Blow) |

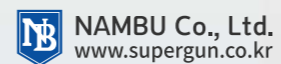
CE ISO 9001 Domestic & International Patents Pending



Super Gun has three operation functions such as blow, suction, and blow-suction functions. The strength of blowing and sucking solid, liquid and gas are controlled.

If can transport, collect and remove foreign materials from the deep and recessed crevices. It is suitable for automation system because of its quick response.

Super Gun uses compressed air for power source. therefore it does not generate heat even it is used for long time. It is a semi-permanent product. It is convenient, safe, and improvement of environment and a multifunctional airgun.



12, Pyeongsan-ro 78beon-gil, Uichang-gu, Changwon-si, Gyeongsangnam-do (#42-22, Palyong-dong)
TEL : +82-55-291-8620 FAX : +82-55-291-8614 E-mail : nambu@supergun.co.kr



Multifunctional Air Gun for Transportation, Collection, and Removal AIR GUN

Super Gun



Characteristic

Functions

Three function such as suction, blow and suction-blow. Suitable for automation system with its quick response. Possible to select one of the three function and control strength. Easy transport, collect and remove solid, liquid, and gas. Possible to change the shape of mouth depending on its applications.

Economics

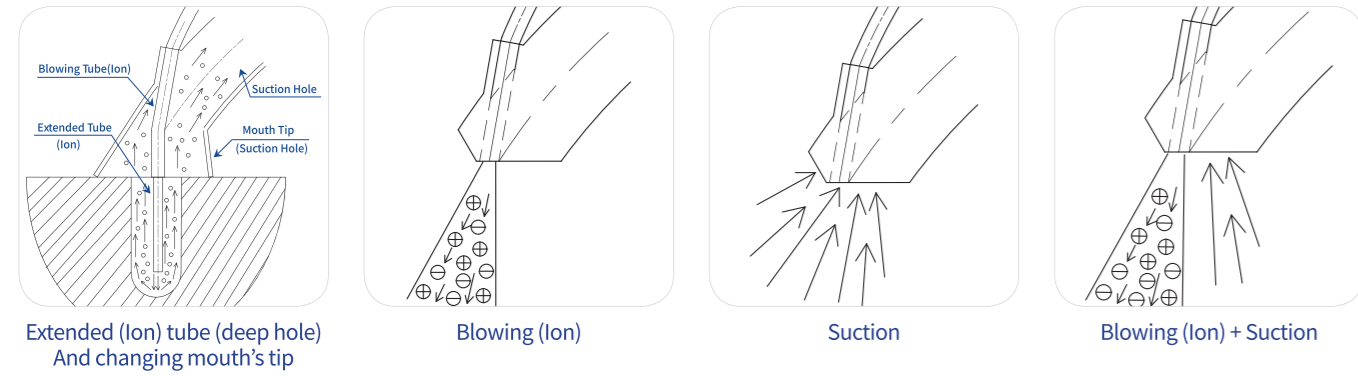
Low maintenance cost as it is a semi-permanent product. Tank is optional. Replaceable container can be used.

Safety

Free from electric shock as it does not use electricity. Non-corrosive, and uses material harmless to the environment and the human body.

Convenience

Simple structure and convenient to use. Easy to move as it is light and small.



Use Conditions

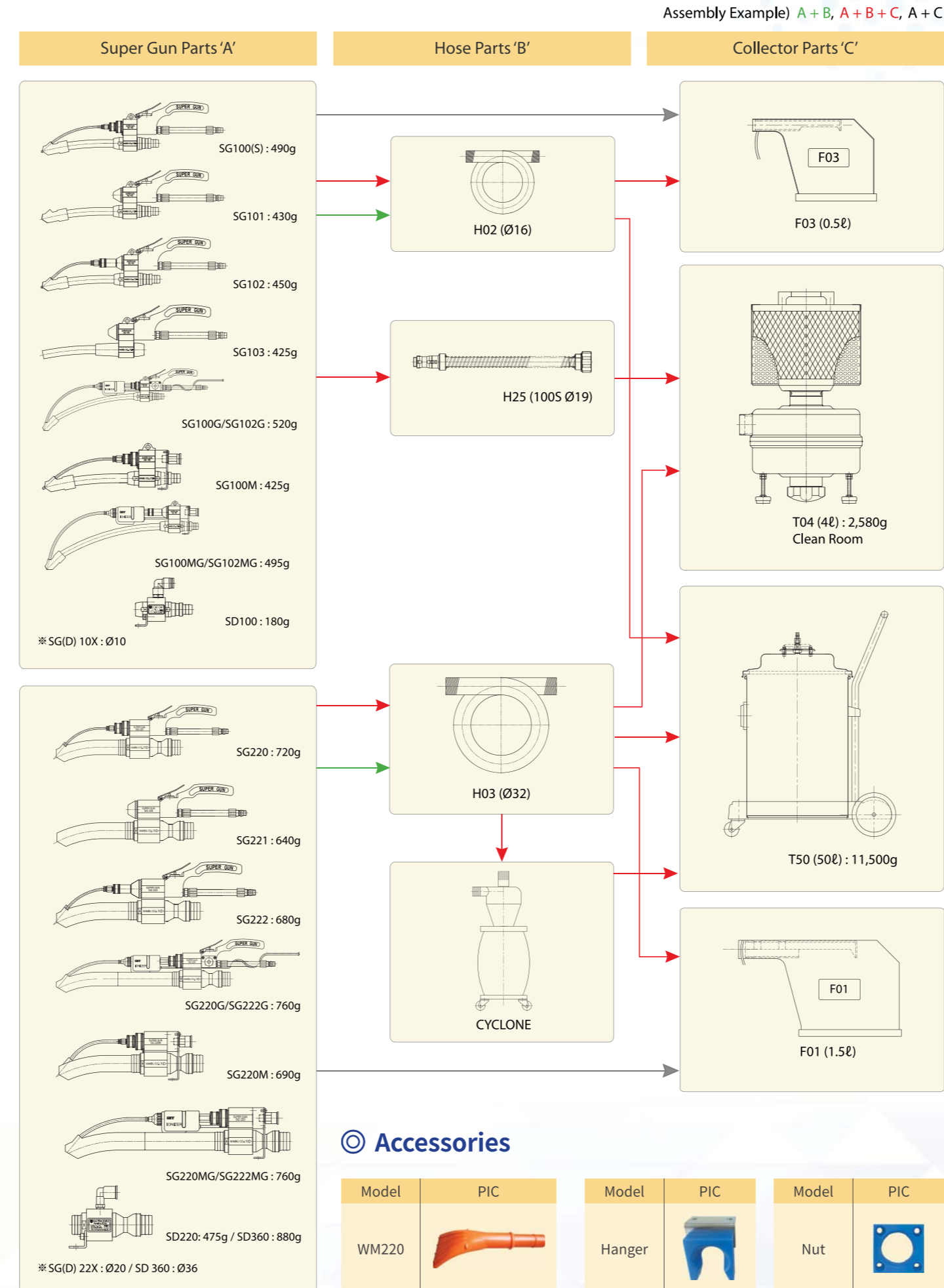
Compressor Specification

| Model | SG22X | SG10X |
|---------------------|------------------------------------|------------------------------------|
| Power | Over 7.5Kw (10HP) | Over 5.5Kw (7.5HP) |
| Pressure | Over 4kg / cm ² (57PSI) | Over 4kg / cm ² (57PSI) |
| Piston Displacement | Over 1,272ℓ/ min | Over 934ℓ/ min |
| Air Hose | Over ø12 | Over ø8 |
| Tank Capacity | Over 150ℓ | Over 150ℓ |

Vacuum Degree & Air Consumption

| Model | SG10X Group | | | | | SG22X Group | | | | | SD360 | | | |
|-------|--------------------|------|---------------|-----------------|--|---------------|-----------------|------|-------|--|-----------------|-------|-------|------|
| | Division | Unit | Vaccum Degree | Air Consumption | | Vaccum Degree | Air Consumption | | | Vaccum Degree | Air Consumption | | | |
| | Kg/cm ² | PSI | mmHg | mmAq | ℓ/min | SCFM | mmHg | mmAq | ℓ/min | SCFM | mmHg | mmAq | ℓ/min | SCFM |
| 4 | 57 | 250 | 3,400 | 430 | 15 | 110 | 1,496 | 570 | 21 | 70 | 951 | 1,250 | 45 | |
| 5 | 71 | 290 | 3,944 | 520 | 19 | 140 | 1,904 | 720 | 26 | 90 | 1,223 | 1,500 | 54 | |
| | | | | | Vacuum of SD100 is 20% higher than SG100 | | | | | Vacuum of SD220 is 20% higher than SG220 | | | | |

Block Diagram & Model



Accessories

| Model | PIC | Model | PIC | Model | PIC |
|-------|-----|--------|-----|-------|-----|
| WM220 | | Hanger | | Nut | |

Model's Shape and Function

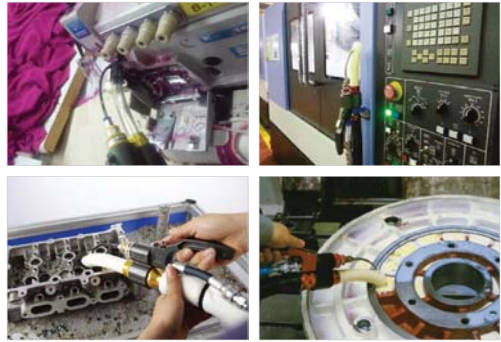


How to Use

1. Check the locking conditions of suction and blow knobs. (Turn it close direction to lock)
2. Connect ø12 air hose with quick coupler of PT¹/₄"xø12(1/2inch) to the air inlet port.
3. Adjust the strength of suction or blow by turning the knob in open direction by a half.
4. Put mouth close the objects and switch on/off one touch button repeatedly.

Application

- Sites that require environmental improvement and prevention against safety accident.
- Sites that use air gun and vacuum cleaner.
- Everywhere that require cleaning room. (Electronic, semiconductor laboratory, etc.)
- Processing and assembling sites. (In shipbuilding, aircraft, motor vehicles, electrical and electronic products, iron / steel plants, etc.)
- Food, confectionery, milling, cosmetics, woodworking, chemical, tobacco manufacturing sites.
- Automated System use by an excellent instantaneous force.
- To remove the water remaining in chips or deep holes.
- A/S companies for the maintenance of automobiles, electrical and electronic products.
- Sites that small amount of foreign materials affect or small spaces.
- Fine dusts (0.3um) will be removable upto 99.97%.
- Sites with the possibility of oil mist and gas explosion (Explosion-proof type).



- Ion Gun** Paint pretreatment, electronic assembly, plastics, semiconductors, LCDs, cars, printing, optical lenses, coating, PCB, film any place where static electricity occurs, such as fiber, pulp, etc.
- Jet Gun** Cleaning, drying, cooling, transport, mixing

Extension of Blowing Pipe

