

# AIRLESS HAND GUN SERIES



Variations available to suit  
a variety of applications

## AIRLESS HAND GUN



**MG7**  
For general painting.  
A small mass of 375g and  
cutting is good and  
it offer impressive handling.



**MG7 II**  
A two-finger trigger type  
for MG7.



**TILE GUN  
MG7TL**  
For building construction.  
Stable flow for the high  
viscosity material is possible  
with an original double needle.



**TILE GUN  
MG7TL+TA05**  
Designed uneven  
surface coating for housing  
is possible by attaching  
an attachment to a tile gun.

## ACE GUN MG-I Series

It is most suitable for heating spray and easily settled paints  
because of a simple paint path.



**MG13**  
Heating circulation  
specification



**MG15**  
Zinc Rich  
exclusive use



**MG17**  
It is with  
a hand pipe

## MARINE GUN MG-III Series

An ultra high-pressure coating gun, it is suitable for use on  
a hard painting site such as shipbuildings and bridges.



**MG31**  
All purpose



**MG33**  
Large diameter  
specification

## POLE GUN PMGIV Series

It is most suitable for coating of the high place of wall, ceiling and inside of pipe.  
We prepare two kinds of poles specialized in lightness and strength.



**PMGIV-3**

**PMGIVS-4**

## FLOW GUN

For sealing and  
caulking material.



**FMG III**

# AIRLESS HAND GUN SERIES

## SPECIFICATION

| Model          | MG7         | MG7 II  | MG7TL   | FMG III |
|----------------|-------------|---------|---------|---------|
| Structure      | Needle Type |         |         |         |
| Fluid pressure | 0~25MPa     | 0~35MPa | 0~25MPa | 0~25MPa |
| Weight         | 375g        | 360g    | 485g    | 400g    |

| Model          | MG-I series |      |      |      | MG-III series |      |      |      |
|----------------|-------------|------|------|------|---------------|------|------|------|
|                | MG13        | MG14 | MG15 | MG17 | MG31          | MG32 | MG33 | MG34 |
| Structure      | Needle Type |      |      |      | Needle Type   |      |      |      |
| Fluid pressure | 0~20MPa     |      |      |      | 0~25MPa       |      |      |      |
| Weight         | 490g        | 580g | 490g | 580g | 700g          | —    | 700g | —    |

| Model            | Pole gun                |              |            |              |            |            |            |            |
|------------------|-------------------------|--------------|------------|--------------|------------|------------|------------|------------|
|                  | PMGIV(S)-1              | PMGIV(S)-1.4 | PMGIV(S)-2 | PMGIV(S)-2.7 | PMGIV(S)-3 | PMGIV(S)-4 | PMGIV(S)-5 | PMGIV(S)-6 |
| Structure        | Tip needle valve method |              |            |              |            |            |            |            |
| Fluid pressure   | 0~25MPa                 |              |            |              |            |            |            |            |
| Length           | 1ft(0.3m)               | 1.4ft(0.4m)  | 2ft(0.6m)  | 2.7ft(0.8m)  | 3ft(0.9m)  | 4ft(1.2m)  | 5ft(1.5m)  | 6ft(1.8m)  |
| Effective length | 0.23m                   | 0.43m        | 0.68m      | 0.82m        | 1.01m      | 1.34m      | 1.67m      | 1.99m      |
| Weight           | 730g                    | 770g         | 830g       | 900g         | 930g       | 1,030g     | 1,130g     | 1,230g     |
| Weight(SUS)      | 1,180g                  | 1,260g       | 1,380g     | 1,500g       | 1,580g     | 1,780g     | 2,000g     | 2,180g     |

## ACCESSORY



Tile attachment  
TA05



Nozzle extension  
NE

●For designed uneven surface coating

| Model       | TA05          |              |              |              |              |               |
|-------------|---------------|--------------|--------------|--------------|--------------|---------------|
| Nozzle Type | A3*<br>(φ3.0) | A5<br>(φ5.0) | A6<br>(φ6.0) | A7<br>(φ7.0) | B6<br>(φ6.0) | B8*<br>(φ8.0) |
| Application | small         |              | middle       |              | large        |               |

\*option

## NOZZLE LIST



Rotating Nozzle  
RN4



Rotating Nozzle  
RN7



Flat spray nozzle  
GN



Cone spray nozzle  
CN



Free Pattern  
nozzle  
FN



Flow nozzle  
NL

### ●C-type (RN / GN) Nozzle (For top coat)

| Equivalent diameter (mm) | Flow rate mL/min |       | Pattern width mm (Pattern Number) |              |              |              |              |              |              |              |  |  |
|--------------------------|------------------|-------|-----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--|
|                          | 10MPa            | 6MPa  | 50~100 (03)                       | 100~150 (05) | 150~200 (07) | 200~250 (09) | 250~310 (11) | 310~360 (13) | 360~410 (15) | 410~460 (17) |  |  |
| 0.19                     | 190              | 150   | 03 C 03                           | 03 C 05      | 03 C 07      |              |              |              |              |              |  |  |
| 0.23                     | 260              | 200   |                                   | 04 C 05      | 04 C 07      | 04 C 09      |              |              |              |              |  |  |
| 0.25                     | 390              | 330   |                                   | 06 C 05      | 06 C 07      | 06 C 09      |              |              |              |              |  |  |
| 0.28                     | 440              | 340   |                                   | 07 C 05      | 07 C 07      | 07 C 09      | 07 C 11      |              |              |              |  |  |
| 0.32                     | 580              | 400   |                                   | 09 C 05      | 09 C 07      | 09 C 09      | 09 C 11      |              |              |              |  |  |
| 0.36                     | 760              | 590   |                                   | 12 C 05      | 12 C 07      | 12 C 09      | 12 C 11      | 12 C 13      |              |              |  |  |
| 0.40                     | 900              | 690   |                                   | 14 C 05      | 14 C 07      | 14 C 09      | 14 C 11      | 14 C 13      |              |              |  |  |
| 0.43                     | 1,020            | 780   |                                   | 16 C 05      | 16 C 07      | 16 C 09      | 16 C 11      | 16 C 13      | 16 C 15      |              |  |  |
| 0.45                     | 1,160            | 890   |                                   | 18 C 05      | 18 C 07      | 18 C 09      | 18 C 11      | 18 C 13      | 18 C 15      |              |  |  |
| 0.48                     | 1,290            | 980   |                                   |              | 20 C 07      | 20 C 09      | 20 C 11      | 20 C 13      | 20 C 15      |              |  |  |
| 0.54                     | 1,540            | 1,230 |                                   |              |              | 25 C 09      | 25 C 11      | 25 C 13      | 25 C 15      |              |  |  |
| 0.59                     | 1,930            | 1,480 |                                   |              |              | 30 C 09      | 30 C 11      | 30 C 13      | 30 C 15      | 30 C 17      |  |  |
| 0.68                     | 2,570            | 1,970 |                                   |              |              | 40 C 09      | 40 C 11      | 40 C 13      | 40 C 15      | 40 C 17      |  |  |
| 0.83                     | 3,830            | 2,970 |                                   |              |              | 60 C 09      | 60 C 11      | 60 C 13      | 60 C 15      | 60 C 17      |  |  |

### ●P-type (RN / GN) Nozzle (For under coat)

| Equivalent diameter (mm) | Flow rate mL/min |       | Pattern width mm (Pattern Number) |              |              |
|--------------------------|------------------|-------|-----------------------------------|--------------|--------------|
|                          | 10MPa            | 6MPa  | 50~100 (03)                       | 100~150 (05) | 150~200 (07) |
| 0.28                     | 400              | 340   | 07 P 03                           | 07 P 05      |              |
| 0.32                     | 580              | 440   | 09 P 03                           | 09 P 05      |              |
| 0.40                     | 900              | 690   | 14 P 03                           | 14 P 05      | 14 P 07      |
| 0.43                     | 1,020            | 780   |                                   | 16 P 05      | 16 P 07      |
| 0.45                     | 1,160            | 890   |                                   | 18 P 05      | 18 P 07      |
| 0.48                     | 1,290            | 980   |                                   | 20 P 05      | 20 P 07      |
| 0.59                     | 1,930            | 1,480 |                                   | 30 P 05      | 30 P 07      |

### ●Flow Nozzle (NL)

| Size     | d=1.5    | d=2.0    | d=2.5    | d=4.0    | d=1.0    | d=5.0    |
|----------|----------|----------|----------|----------|----------|----------|
| Part No. | 1225-026 | 1225-126 | 1225-226 | 1225-526 | 1225-626 | 1225-726 |

### ●Free Pattern Nozzle (FN)

| Part No. | Application                          |
|----------|--------------------------------------|
| FN20     | For finishing (lacquer, thinner)     |
| FN28     | For general construction components  |
| FN41     | For shipbuilding, heavy duty coating |
| FN49     | For exterior construction components |

### ●Cone Spray Nozzle (CN) (10MPa water)

| Nozzle No.       | 3A  | 4A  | 5A    | 6A    | 8A    | 10A   | 15A   |
|------------------|-----|-----|-------|-------|-------|-------|-------|
| Flow rate mL/min | 650 | 930 | 1,130 | 1,320 | 1,880 | 2,240 | 3,610 |

2types with different spray angle are available.  
A type (Standard 80°) / B type (60°)

### ●S-type (RN / GN) Nozzle (For large diameter)

| Equivalent diameter (mm) | Flow rate |         | Pattern width mm (Pattern Number) |              |              |              |
|--------------------------|-----------|---------|-----------------------------------|--------------|--------------|--------------|
|                          | 10MPa     |         | 150~200 (07)                      | 200~250 (09) | 250~310 (11) | 310~360 (13) |
| 0.90                     | 5,120     | 80 S 07 | 80 S 09                           | 80 S 11      |              |              |
| 1.00                     | 6,400     |         | 100 S 09                          | 100 S 11     | 100 S 13     |              |
| 1.24                     | 7,680     |         | 120 S 09                          | 120 S 11     | 120 S 13     |              |

- The shaded areas are standard accessories. The unshaded areas are ordered items, therefore please confirm the delivery date when ordering.
- The conditions for the pattern widths are as below.  
Flow rate Number 30 or lower: Spray distance 25cm  
Flow rate Number 40 or lower: Spray distance 30cm
- Flow rate and pattern width may vary due to type of coating and viscosity.  
In order to select the best-suited nozzle, please contact our sales staff.

### Number indication of Flat spray nozzle



Nozzle size

20 C 11

Pattern number

Application of nozzle  
C : For top coat  
P : For under coat  
S : For large diameter

Flow rate of one minute (Accurate delivery shall be calculated. For standard value, multiply factor 64.)  
20×64=1280mL/min(10MPa)



### Cautions for Safety

For correct and safe use of the equipment, please refer to Operation manual provided for it.

\*Appearances and specifications of the equipment shown on this booklet are subject to be changed for the purpose of its improvement, without pre-announcement.



## ASAHI SUNAC CORPORATION

Head Office & Factory  
5050 Asahimae-cho  
Owariasahi, Aichi Pref., 488-8688 Japan  
Tel: +81-561-52-0717  
Fax: +81-561-54-8847  
http://www.sunac.co.jp  
E-mail: ctrd01@sunac.co.jp



ISO9001  
JQA-2095



ISO14001  
JQA-EM212

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