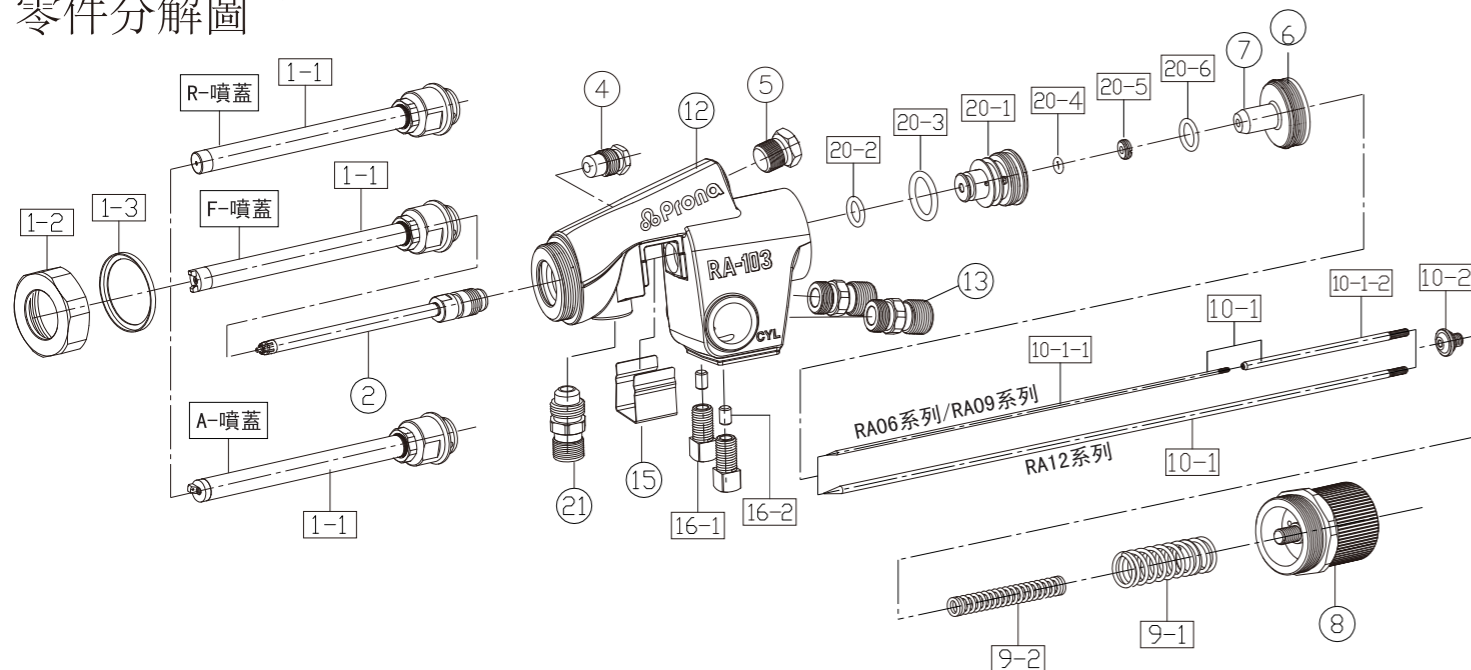


零件分解圖

R(圓形噴面) F(扇形噴面) A(角度噴面)

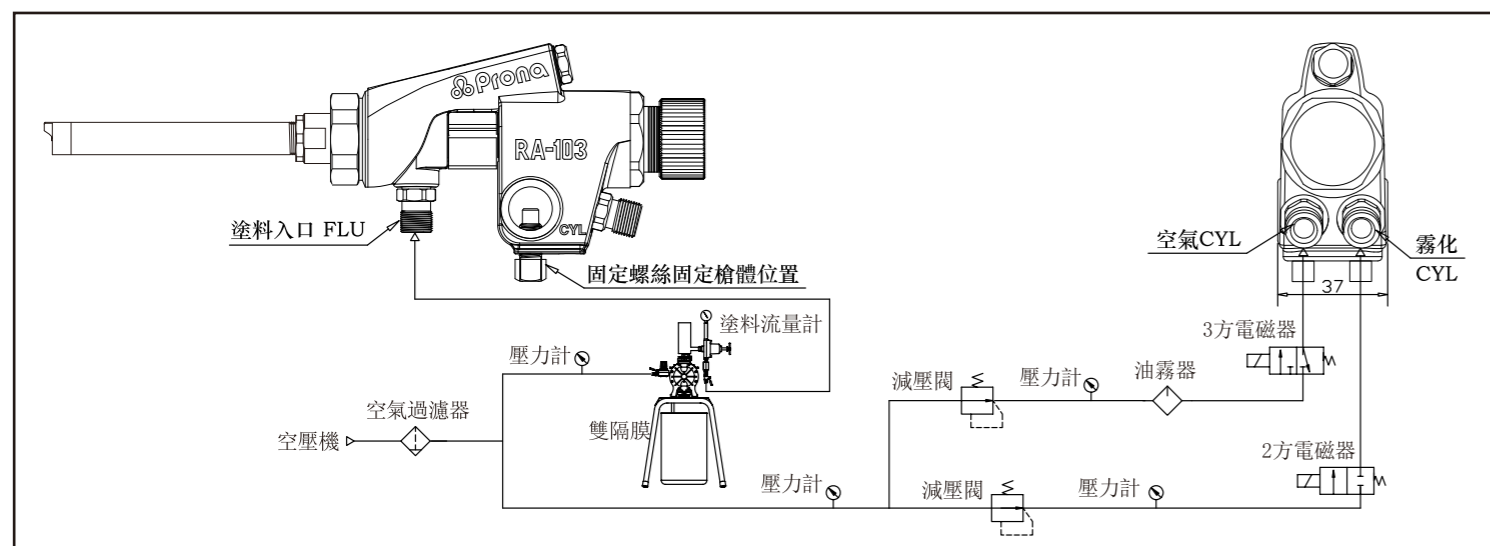


序号	名称	数量
1-1	噴蓋連接管組-R蓋	1
	噴蓋連接管組-F蓋	1
	噴蓋連接管組-A蓋	1
1-2	蓋螺帽	1
1-3	蓋固定迫緊	1
2	噴嘴連接管組	1
4	頂針迫緊螺帽組	1
5	風塞螺帽	1
6	頂針導座迫緊	1

序号	名称	数量
7	頂針導座	1
8	塗料旋鈕導座組	1
9-1	頂針彈簧1	1
9-2	頂針彈簧2	1
10-1	10-1-1 頂針1 (RA06/09系列)	1
	10-1-2 頂針2 (RA09系列)	1
10-1	頂針 (RA12系列)	1
10-2	頂針座	1
12	本體	1
13	空氣接頭	2

序号	名称	数量
15	防護蓋	1
16-1	固定螺絲	2
16-2	固定螺絲壓塊	2
20-1	空氣閥座	1
20-2	O型環	1
20-3	O型環	1
20-4	O型環	1
20-5	迫緊壓塊	1
20-6	O型環	1
21	塗料接頭	1

工作連接示意圖



使用前請先認真閱讀以下操作說明

本自動噴槍只可當做風動工具使用，不可以移作它用，以免危害到操作人員或其他在場人員的人身安全。

空氣過濾器及空氣調壓閥在系統中的連接請參考左頁下圖。使用前請檢查各連接管是否有磨損或者其他的損壞，及時更換磨損的接管或配件后再繼續使用。連接空氣霧化管到空氣霧化接頭處(CAP)，連接空氣管到空氣接頭處(CYL)，連接塗料管到塗料接頭處(FLU)。閥門內的兩通或三通電磁閥最少為Φ4mm(0.157英寸)。操作空氣軟管應該保持在10米內，其半徑不小於6毫米(0.236英寸)，以免延遲運作或造成其他的失敗操作。調節操作壓力2-2.5巴(29-36帕)。通常調節霧化或空氣壓力2巴(29帕)。

推薦塗料的粘度為15-23秒/福特#4，根據塗料的性質和噴塗條件的變化而變化，塗料在使用前應該先用60-90過濾網過濾。

噴槍在工作系統的連接請參照左下圖，各參數請參照下麵表格。

型式	管長	噴嘴口徑	外管直徑	空氣壓力	圓形 ±20	角度	噴幅 ±20
	mm(in)	ømm(in)	ømm(in)				
RA-1205	50(1.97)	0.6	12 (0.47)	2.5-3.0 (0.24-0.29)	60(2.36) 90(3.54)	~19°	70 (2.76)
RA-1218	180(7.09)	(0.024)					90 (3.54)
RA-1225	250(9.84)	1.0 (0.394)					90 (3.54)
RA-1235	350(13.77)						
RA-0905	50(1.97)	0.5 (0.020)	9 (0.35)	2.5-3.0 (0.24-0.29)	40(1.57)	~14°	-
RA-0915	150(5.91)						
RA-0925	250(9.84)						
RA-0935	350(13.77)						
RA-0605	50(1.97)	0.5 (0.020)	6 (0.24)	2.5-3.0 (0.24-0.29)	25(1)	~4°	-
RA-0609	90(3.54)						
RA-0615	150(5.91)						
RA-0625	250(9.84)						
RA-0635	350(13.77)						

注：角度適用與A蓋，圓形適用與R蓋，扇形適用與F蓋

以上所有槍型吹付距離均為150-200mm(5.90-7.87in)。塗料粘度20±1秒/RV-2，壓送的塗料壓力為0.8kg/cm。塗料入口，空氣入口為1/4PF/NPF。

警告

- 1、不要將槍對準人或動物，避免造成皮膚或其他的身體傷害。
- 2、噴槍的最高使用壓力不要超過0.68Mpa/6.8bar/99psi，操作环境温度5-40°C，塗料温度5-43°C。
- 3、在清潔、維修和拆卸噴槍前，必須釋放空氣壓力及塗料壓力。殘餘壓力會造成不當操作或清潔液散射，從而造成身體傷害。
- 4、噴槍使用場所必須通風良好。通風差的環境會導致化學中毒或者火災。
- 5、必要時請佩戴口罩或者護聽器。如在噴塗過程中身體有任何不適請馬上停止工作，及時就醫。
- 6、噴槍不能用于噴塗腐蝕性溶劑或食物，以防塗料管腐蝕和食物混合造成人體中毒。

安全

1. 未接受訓練之人員，不可操作噴槍。
2. 不可將噴槍朝向自己或他人。溶劑會對人的眼睛及皮膚造成傷害。
3. 若要修理噴槍時，請事先將空氣塗料關閉。
4. 當您在進行噴塗工作時，絕不可點火或抽煙。

維修

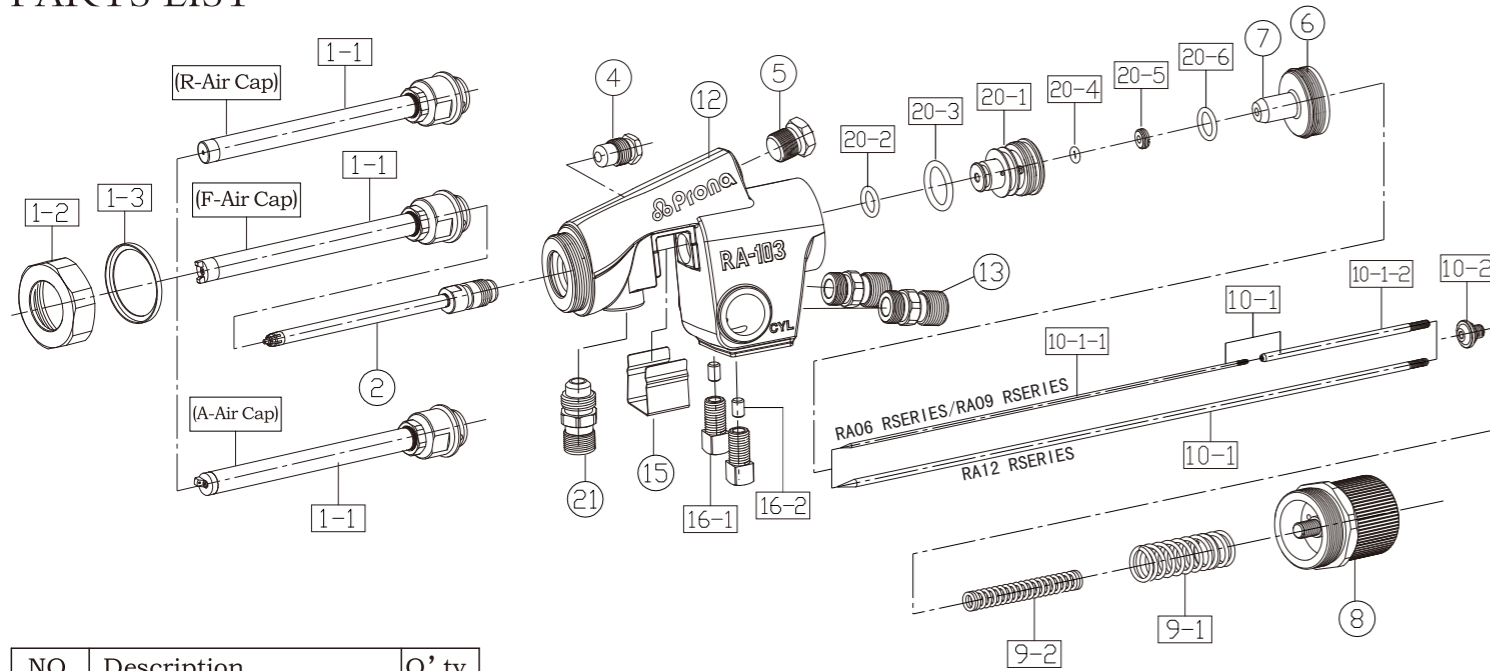
1. 組裝或拆卸噴嘴時必須拆卸塗料旋鈕或扳動扳機把頂針稍往後退出，確保頂針與噴嘴沒有接觸後，方可拆卸噴嘴；否則頂針和噴嘴會互相磨損，或者頂針擠破噴嘴，導致密封不良。
2. 每一次使用畢，請務必將噴槍加以清洗，但請勿將整支噴槍浸在稀釋劑或溶劑中。
3. 請勿使噴蓋組、噴嘴及頂針受到損傷。噴蓋組及噴嘴之洞孔，不可使用金屬器物清洗。
4. 可使用沾有稀釋劑之刷子清洗噴嘴組、噴蓋組及其他零件。
5. 請用稀釋劑噴洗噴槍通道內的塗料。
6. 重新組裝噴槍前將零件清洗干淨。
7. 不可將頂針迫緊螺帽轉到底，否則頂針⑩會不能移動。只需將它轉至不會滴漏塗料即可。
8. 若將塗料旋鈕⑧，依逆時針方向轉得太松，會減弱頂針彈簧的彈性，如此會造成噴嘴前端滴漏塗料。

問題排除

欠妥的噴形	原因	排除方法
 塗料時有時無	(1) 噴嘴鬆動。 (2) 頂針迫緊乾枯不潤滑或磨損，或迫緊螺帽鬆動，致使空氣跑進塗料通道。 (3) 塗料接頭鬆動或破損。	(1) 將噴嘴轉緊或更換噴嘴。 (2) 潤滑或更換迫緊④，或將頂針閥迫緊螺帽④轉緊一點。 (3) 轉緊或更換塗料接頭。
 噴面一邊較重	(1) 塗料堆積在噴蓋上或噴蓋的洞孔，局部受到阻塞。 (2) 塗料堆積在噴嘴出口的周圍，或噴嘴出口被部分阻塞。	(1) 清洗或更換噴蓋 (2) 清洗或更換噴嘴
 塗料自噴嘴流出	(1) 噴嘴或頂針附著異物 (2) 噴嘴或頂針磨損	(1) 用溶劑清洗頂針或噴嘴 (2) 更換零件
 塗料自頂針迫緊螺帽流出	(1) 頂針迫緊螺帽鬆馳 (2) 頂針迫緊乾澀或損壞	(1) 鎖緊頂針迫緊螺帽但要讓頂針能滑動 (2) 潤滑或更換零件

R(Round) F(Fan shaped) A(Angle)

PARTS LIST



NO.	Description	Q' ty
1-1	Air pipe set (R-Air Cap)	1
1-1	Air pipe set (F-Air Cap)	1
1-1	Air pipe set (A-Air Cap)	1
1-2	Lid fixed screw	1
1-3	Cap fixed packing	1
2	Fluid pipe set	1
4	Fluid needle screw set	1
5	Seal bolt	1
6	Fluid needle guide packing	1
7	Fluid needle guide	1
8	Fluid adjusting guide set	1

NO.	Description	Q' ty
9-1	Fluid needle spring1	1
9-2	Fluid needle spring 2	1
10-1	10-1-1 Fluid needle 1(RA06/09 series)	1
10-1	10-1-2 Fluid needle 2(RA09 series)	1
10-1	Fluid needle (RA12 series)	1
10-2	Footstock	1
12	Gun body	1
13	Air connector	2
15	Protecting cap	1

NO.	Description	Q' ty
16-1	Fixed bolt set	2
16-2	Fixed bolt holder	2
20-1	Air valve seat	1
20-2	O ring	1
20-3	O ring	1
20-4	O ring	1
20-5	Packing holder	1
20-6	O ring	1
21	Fluid connector	1

Prior to operation read the operating instructions carefully.

OPERATION

Connect atomizing air hose to atomizing air connector (CAP marked) and operating air hose to operating air connector (CYL marked) tightly. Connect fluid hose to fluidconnector tightly. Valve orifice inside three-way solenoid valve should be minimum Ø4mm (0.157 in) and the operating hose should be within 10 m (32.8 ft) and the inside diameter must be not less than 6mm (0.236 in) to avoid delayed operation and any failure. The recommended operating air pressure is 3-4 bar (43-57 psi) with atomizing air pressure to pull the gun piston is recommended to adjust 3-4 bar (43-57 psi) with, atomize at 0.7 bar (10 psi) inside air cap. The recommended spray distance to object is 15-20 cm (5.9-7.9 in) with. Beyond the recommended spray distance may fail to obtain good finishing. Material viscosity 15-23 seconds/Ford#4 is recommended. It varies according to material property and spraying conditions. Material should be filtered through 60-90 mesh filter before use. Whenever possible there should be air filters and air regulator in the system as diagram. Replace any worn items before continuing to operate. The AUTOMATIC SPRAY GUN has been designed as an AIR OPERATED TOOL, and in the interests of safety must only be used for the purpose for which it has been designed. The tool should in no account be used for any other purpose for whatever reason, this could result in danger to the operator and those within the immediate working area. Ensure the material and air supply are disconnected before effecting any work on the Automatic Spray Gun.

SAFETY

Never allow untrained or unauthorized persons to operate this automatic spray gun. Never exceed the recommended air pressure. Never use matches, smoke or operate a spray gun in the vicinity of a naked flame. Do not spray food or chemicals through the automatic spray gun. Use only original spare parts. Do not use the following solvents. 1.1.1-Trichloroethane and Methylene Chloride. These solvents can chemically react with aluminium used in automatic spray guns possibly causing an explosion. Do not use these solvents for equipment cleaning or flushing. Automatic spray gun should never be stored in acid laden cleaners. If in doubt consult the material supplier.

SERVICING

- Clean air cap set, fluid nozzle and fluid needle with brush after each operation.
- Do not submerge complete automatic spray gun in solvents.
- Do not damage holes of air cap set and fluid nozzle.
- Flush the gun material passage with a compatible solvent.
- Ensure the material and air supply are disconnected before effecting any work on the Automatic Spray Gun.
- Before install or dismantle nozzle, fluid knob must be dismantled and press the trigger to make sure that nozzle and needle disconnect, otherwise needle and nozzle wear and tear each other and cause bad seal.

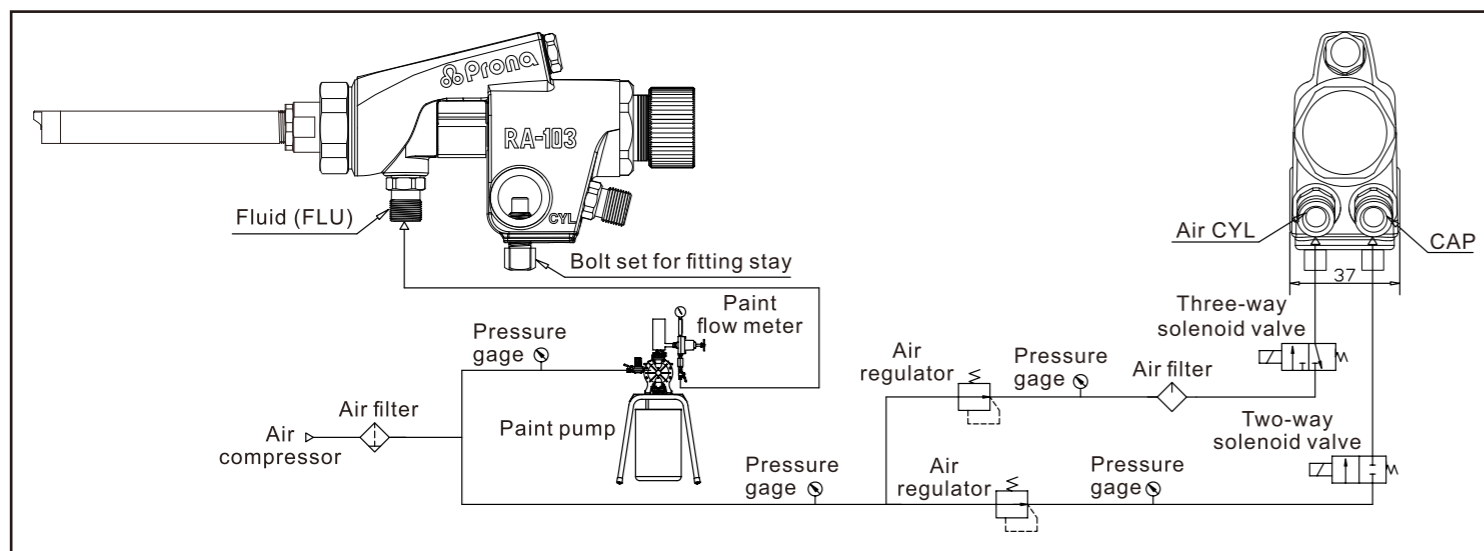
PERSONAL PROTECTIVE EQUIPMENT

The use of breathing mask is recommended at all times when spraying. The noise level may exceed 85 dB (A) when the spray gun is being used, a sound absorber protection is also recommended. Always wear goggles and gloves when spraying or cleaning.

Model	Fine tube length	Nozzle size	Fluid tube orifice	Air pressure	Round ±10	Angle	Pattern width ±10
	mm(in)	ømm(in)	ømm(in)	kg/cm ² (Mpa)	mm(in)		mm(in)
RA-1205	50(1.97)	0.6					70 (2.76)
RA-1218	180(7.09)	(0.024)	12 (0.47)	2.5-3.0 (0.24-0.29)	60(2.36) 90(3.54)	~19°	
RA-1225	250(9.84)	1.0 (0.394)					90 (3.54)
RA-1235	350(13.77)						
RA-0905	50(1.97)						
RA-0915	150(5.91)	0.5 (0.020)	9 (0.35)	2.5-3.0 (0.24-0.29)	40(1.57)	~14°	-
RA-0925	250(9.84)						
RA-0935	350(13.77)						
RA-0605	50(1.97)						
RA-0609	90(3.54)	0.5 (0.020)	6 (0.24)	2.5-3.0 (0.24-0.29)	25(1)	~4°	-
RA-0615	150(5.91)						
RA-0625	250(9.84)						
RA-0635	350(13.77)						

Note: A cap for Angle , R cap for Round , F cap shaped for F cover
Spray distance: 150-200mm(5.90-7.87in). Fluid viscosity:20±1 seconds /RV-2. Coating pressure:0.8kg/cm². Fluid and Air Inlet:1/4 PF/NPF.

CORDING DIAGRAM



TROUBLE-SHOOTING

TROUBLE	CAUSE	SOLUTION
Fluttering	(1) Insufficient material in cup. (2) Dry or worn fluid needle packing set or loose fluid needle packing screw. (3) Loose or damaged fluid nozzle.	(1) Refill material. (2) Lubricate or replace fluid needle packing set or tighten fluid needle packing screw. (3) Tighten or replace fluid nozzle.
Heavy top or bottom	(1) Material build-up on air cap. (2) Dirty or damaged fluid nozzle.	(1) Clean or replace air cap. (2) Clean or replace fluid nozzle.
Material drips from fluid nozzle	(1) Obstructions between fluid nozzle and fluid needle. (2) Worn fluid nozzle or needle.	(1) Clean fluid needle and fluid nozzle in thinner. (2) Replace parts.
Material leaks from needle packing screw	(1) Loose fluid needle packing screw. (2) Dry or worn fluid needle packing.	(1) Tighten fluid needle packing screw ,check fluid needle for free movement. (2) Lubricate or replace needle packing.