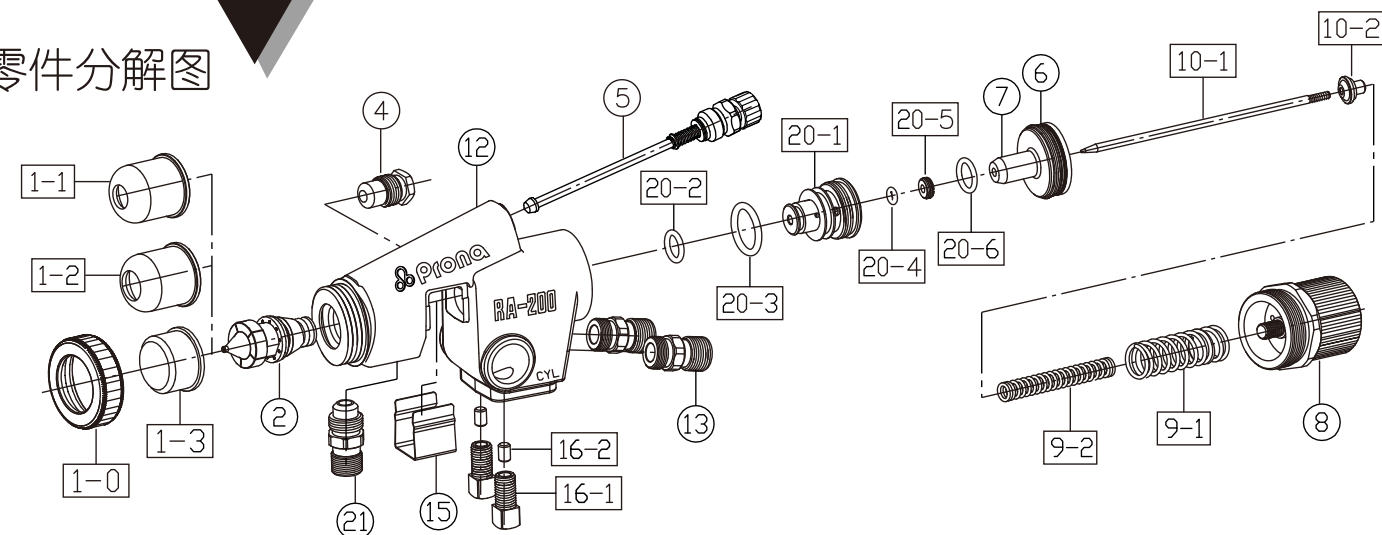


零件分解圖



序號	名稱	數量
1-0	蓋螺帽	1
1-1	噴蓋 (細點用)	1
1-2	噴蓋 (梨皮用)	1
1-3	噴蓋 (亂絲用)	1
2	噴嘴	1
4	頂針迫緊螺帽組	1
5	空調組	1
6	頂針導座迫緊	1
7	頂針導座	1

序號	名稱	數量
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	頂針	1
10-2	頂針座	1
12	本體	1
13	空氣接頭	2
15	防護蓋	1
16-1	固定螺絲	2

序號	名稱	數量
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

型式	塗料供給方式	噴嘴口徑	空氣壓力	空氣使用量	塗料噴出量	重量
		ømm (in)				
SGD-RA200	壓送	0.7(0.028)	1.0-2.5 (0.1-0.25)	80(2.83)	80	495 (1.09)
		1.5(0.059)				
		2.0(0.079)				

噴塗樣品		
1、細點 使用小孔噴蓋 (1-1) 塗料粘度, 建議使用寶麗粘度杯 (RV-2) 20秒。 液體壓力: 0.3 kg/cm ² 空氣壓力: 0.5-0.7 kg/cm ²	2、梨皮 使用中孔噴蓋 (1-2) 塗料粘度, 建議使用寶麗粘度杯 (RV-2) 25秒。 液體壓力: 0.3 kg/cm ² 空氣壓力: 0.5-0.7 kg/cm ²	3、亂絲 使用大孔噴蓋 (1-3) 塗料粘度, 建議使用寶麗粘度杯 (RV-2) 55秒。 液體壓力: 1.5 kg/cm ² 空氣壓力: 0.4-0.6 kg/cm ²

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3-4巴(43-57帕)。通常調節SGD-RA200霧化或空氣壓力罐1.0-2.5巴(14.3-35帕)。

推薦RA-100/101/103的噴塗距離為15-20公分(5.9-7.9英寸)。推薦材料的粘度為15-23秒/福特#4, 根據材料的性質和噴塗條件的變化而變化, 材料字使用前應該先用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。

安全

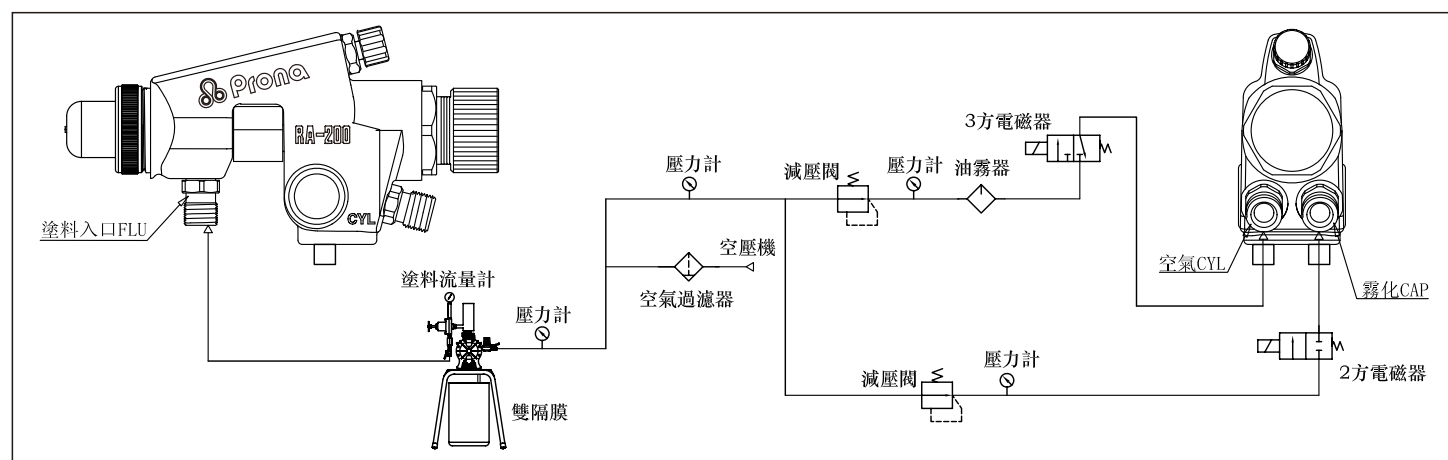
1. 未接受訓練之人員, 不可操作噴槍。
2. 不可將噴槍朝向自己或他人。溶劑會對人的眼睛及皮膚造成傷害。
3. 若要修理噴槍時, 請事先將空氣塗料關閉。
4. 當您在進行噴塗工作時, 絕不可點火或抽煙。

維修

1. 組裝或拆卸噴嘴時必須拆卸塗料旋鈕組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	a. 漆壺內塗料太少 b. 頂針迫緊乾澀或磨損 c. 噴嘴鬆馳或損壞	a. 添加塗料 b. 潤滑或更換頂針迫緊 c. 鎖緊或更換噴嘴
塗料自噴嘴流出	a. 噴嘴或頂針附著異物 b. 噴嘴或頂針磨損	a. 用溶劑清洗頂針或噴槍 b. 更換零件
塗料自頂針迫緊螺帽流出	a. 頂針迫緊螺帽鬆弛 b. 頂針迫緊乾澀或損壞	a. 鎖緊頂針迫緊螺帽但要請讓頂針能滑動 b. 潤滑或更換零件

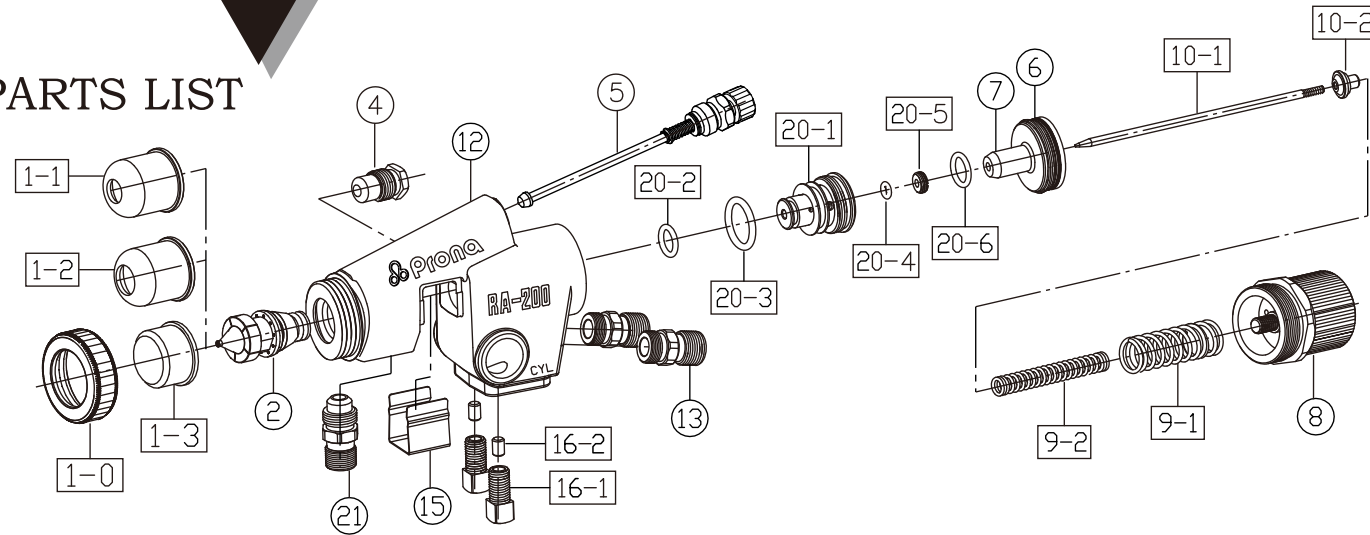


SGD-RA200 DISHEVELED SPRAY GUN

OPERATING INSTRUCTIONS

ISO9001:2008 CE

PARTS LIST



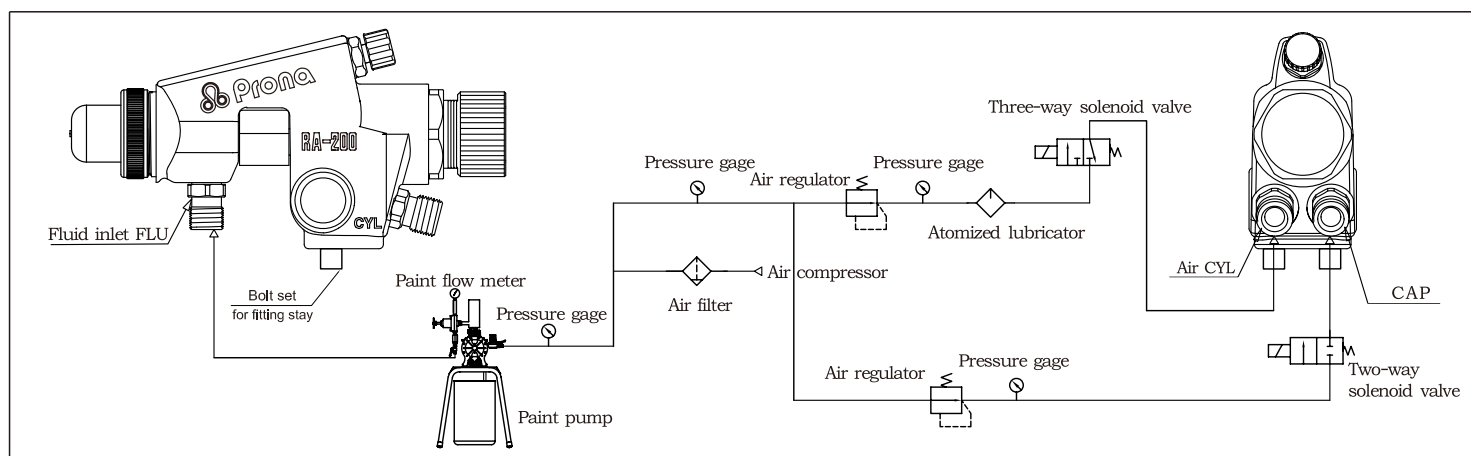
No.	Description	Q' ty
1-0	Air cap ring	1
1-1	Air cap (cloth-print pattern)	1
1-2	Air cap (spattering pattern)	1
1-3	Air cap (disheveled pattern)	1
2	Fluid nozzle	1
4	Fluid needle packing screw set	1
5	Air adjusting set	1
6	Fluid needle guide packing	1
7	Fluid needle guide	1
8	Fluid adjusting knob guide set	1

No.	Description	Q' ty
9-1	Needle spring 1	1
9-2	Needle spring 2	1
10-1	Fluid needle	1
10-2	Fluid needle seat	1
12	Gun body	1
13	Air connector	2
15	Protective cover	1
16-1	Fixed bolt	2

No.	Description	Q' ty
16-2	Fixed bolt holder	2
20-1	Air valve seat	1
20-2	O ring (P9)	1
20-3	O ring (P16)	1
20-4	O ring (P3)	1
20-5	Packing holder	1
20-6	O ring (P10)	1
21	Fluid connector	1

Model	Type of feed	Nozzle size	Air pressure	Air consumption	Fluid output	Weight
		ømm (in)	kg/cm ² (Mpa)	l/min(cfm)	ml/min	
SGD-RA200	Pressure	0.7(0.028)	1.0-2.5 (0.1-0.25)	80(2.83)	80	495 (1.09)
		1.5(0.059)		100(3.53)	160	
		2.0(0.079)		140(4.95)	240	

CORDING DIAGRAM



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 fluid connector 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). Atomization and air pressure is 1.0-2.5 bar (14.3-35 psi).

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.

Whenever possible there should be air filters and air regulators 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.

Spray Pattern Specimen	Image		
	<p>Cloth-Print Pattern Use air cap 1-1 Recommended fluid viscosity: 20 seconds/Ford#4 (Prona RV-2 is recommended) Fluid pressure: 0.3kgf/cm² Air pressure: 0.5-0.7 kgf/cm²</p>	<p>Spattering Pattern Use air cap 1-2 Recommended fluid viscosity: 25 seconds/Ford#4 (Prona RV-2 is recommended) Fluid pressure: 0.3kgf/cm² Air pressure: 0.5-0.7 kgf/cm²</p>	<p>Disheveled Pattern Use air cap 1-3 Recommended fluid viscosity: 55 seconds/Ford#4 (Prona RV-2 is recommended) Fluid pressure: 1.5kgf/cm² Air pressure: 0.4-0.6 kgf/cm²</p>

TROUBLE-SHOOTING

TROUBLE	CAUSE	SOLUTION
Fluttering	a. Insufficient material in cup. b. Dry or worn fluid needle packing set or loose fluid needle packing screw. c. Loose or damaged fluid nozzle	a. Refill material. b. Lubricate or replace fluid needle packing set or tighten fluid needle packing screw. c. Tighten or replace fluid nozzle.
Material drips from fluid nozzle	a. Obstructions between fluid nozzle and fluid needle. b. Worn fluid nozzle or needle.	a. Clean fluid needle and fluid nozzle in thinner. b. Replace parts.
Material leaks from needle packing screw	a. Loose fluid needle packing screw. b. Dry or worn fluid needle packing.	a. Tighten fluid needle packing screw, check fluid needle for free movement. b. Lubricate or replace needle packing.