

# SG-2™ Plus Steadi-Grip 2 Qt. Pressure Cups

**BINKS®**  
A81-11R 5/06



## **SG-2 Plus Steadi-Grip Rotary 2 qt. Pressure Cup - (80-651)**

The Binks **SG-2** Plus Steadi-Grip rotary 2 quart pressure cup (80-651) is ideal for component spraying and industrial applications where small batch production spraying is required. The 2 quart cup capacity is sufficient to complete most large spray jobs without refilling the cup. The **SG-2** Plus cup is lightweight, rugged, and provides excellent portability, which allows the operator to make fluid and air control adjustments quickly and efficiently. The prop style non-magnetic rotary agitator is ideal for mixing fluids containing metallic particles. The internal components are designed for use with waterborne and solvent based materials. Part Sheet 2842

### **Features and Benefits**

- Air regulator and gauge allow for precise fluid delivery from 0-40 psig.
- Large 2 quart capacity cuts down on refills.
- Disposable plastic liner included with each SG-2 provides corrosion protection and reduced cleaning time.
- Stainless steel pick-up tube and fluid fittings are corrosion resistant.
- Wide-mouth opening allows easy cleaning and quick color changes.
- Wide, stainless-steel base for stability and corrosion resistance.



## **SG-2 Plus Steadi-Grip Agitator 2 qt. pressure cup - (80-601)**

The Binks **SG-2** Plus Agitator Cup (80-601) includes an oscillating air-driven agitator and is ideal for non-metallic coatings that require constant agitation. This model utilizes an outer magnet assembly inside the cup and is **not suitable** for true metallic coatings. Part Sheet 2841

*Binks SG2 Plus™ is  
lightweight and rugged,  
ideal for small  
production applications*



## **SG-2 Plus Steadi-Grip Non-Agitated 2 qt. pressure cup - (80-600)**

The Binks **SG-2** Plus Steadi-Grip non-agitated 2 quart pressure cup (80-600) is ideal for component spraying and industrial applications where small batch production spraying is required. Its lightweight and rugged construction provides excellent portability. The spray gun can be held at any angle without spitting or sputtering because the **SG-2** Plus cup is pressurized. Part Sheet 2841



## **SG-2 Steadi-Grip Cup Outfit- (98-1263)**

Includes Mach 1SL Gun 92 x 94P (7000-1604-4), 5 ft. Hose Assemblies (71-1201 & 71-3380), Air Flow Control Valve (73-125), and **SG-2** Plus 2 qt. (80-600) non-agitated pressure cup.

**Refer to Service Bulletin:**  
**77-2841 (80-600 & 80-601)**  
**77-2842 (80-651)**

## SG-2™ Plus Steadi-Grip 2 Qt. Pressure Cups

### ■ Specifications - SG-2™ Plus Steadi-Grip 2 Qt. Pressure Cups

Standard Operating Pressure	
80-600, 80-601	0-10 psi (0-.7 bar)
80-651	0-40 psi (0-3.4 bar)
MAX. Working Pressure	
	50 psig (3.5 kg/cm <sup>2</sup> )
Overall Height With Handle	
	15-3/4 in. (40.05 cm)
Without Handle	
	12-3/4 in. (32.385 cm)
Base Diameter	
	6 in. (15.24 cm)
Dia. Across Closed Clamps	
	8-1/16 in. (20.47 cm)
Dia. Across Open Clamps	
	8-1/16 in. (20.47 cm)
Air Inlet & Outlet Connection Size	
	1/4" NPS (m)
Fluid Outlet Connection Size	
	3/8" NPS (m)
Fluid Capacity	
	2 Qts. (U.S.) (1.9 Liters)
Shipping Weights	
80-600	4lbs. 14oz. (2.2 kg)
80-601	5lbs. 7oz. (2.5 kg)
80-651*	7lbs. 5oz. (3.3 kg)
Rotary Agitator Air Consumption	
	2.5 cfm @ 40 psi.
	7.5 cfm @ 100 psi

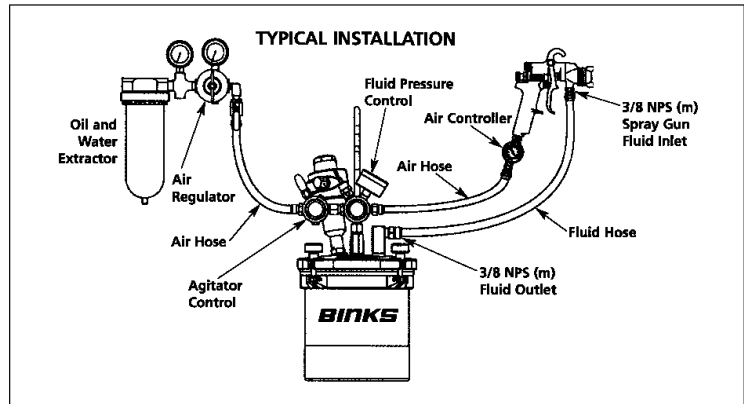
\*The SG-2 Plus™ Rotary (80-651) includes a optional 0-10 psig pressure kit.

### ■ Accessories

Part#	Description
73-125	Gun mounted Air Controller w/gauge (for atomizing air)
80-356	Canister Liner Qty. Pack of 80-355, 12/pk.
80-375	2 Quart Canister Assembly available - For use with 80-600, 80-601, 80-651, 80-350, 80-351 and 80-451 SG-2 cups.
80-619	High Pressure Conversion Kit for 80-600 & 80-601
80-620	Low Pressure Conversion Kit for 80-651
80-352	High Pressure Conversion Kit for 80-350 & 80-351
HAV-500	Air Adjusting Valve (gun mount)
HAV-501	Air Adjusting Valve w/Gauge (gun mount)
80-392	SG-2 Steadi-Grip cup lid gasket - (EPDM). For use with 80-600, 80-601, 80-651, 80-350, 80-351, and 80-451 SG2 cups
80-390	Knob kit - (contains 1 knob assembly - (4) 80-390 knob kits required for a complete SG-2 rebuild).

### ■ SG-2 Steadi-grip repair kits

Part Number	Repair Kit
80-600 (non-agitated SG-2 Plus)	80-617
80-601 (oscillator agitated SG-2 Plus)	80-617
80-611 (oscillating agitator only)	80-612
80-651 (rotary agitated SG-2 Plus)	80-618
80-452 (rotary agitator only)	80-463
37-478 (air motor only)	6-196
80-350 (non-agitated SG-2)	80-353
80-351 (oscillator agitated SG-2)	80-353
80-405 (oscillating agitator only)	80-354
80-451 (rotary agitated SG-2)	80-464
80-452 (rotary agitator only)	80-463
37-478 (air motor only)	6-196



### Safety Notes:

1. All air and fluid pressure in the system must be relieved before servicing the cup and before the cup is filled or cleaned.
2. None of the SG-2 cups should be used with halogenated solvents without a Binks 80-356 plastic liner.
3. SG-2 models (80-351 & 80-601) should **NEVER** be used with halogenated solvents. An explosion could occur.