

SG-2™ Steadi-Grip Rotary 2 Qt. Pressure Cup

BINKS®
A81-11 11/03

*Lightweight and rugged
ideal for small
production applications*



Patent Pending

NEW - SG-2 Steadi-Grip Rotary Pressure Cup

The Binks SG-2 Steadi-Grip 2 qt. Rotary pressure cup (80-451) available for creating superior finishes when applying true metallic coatings. The newly redesigned 80-451 operates at 0-40 psig and includes all the features of the standard **SG-2**, plus a rotary agitator. The "prop" style agitator provides constant agitation without the use of a magnet. This ensures that paints containing true metallic particles are mixed thoroughly and are not subject to particle separation. The rotary motion of the air motor is controlled by an air-adjusting valve on the carrying handle. The result is uniform metallic distribution, improved finishes and less reworks.
Part Sheet 2796

Features and Benefits

- Built-in 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.
- 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.

Specifications...80-451 (SG-2™ Steadi-Grip Rotary 2 Qt. Pressure Cup)

Standard Operating Pressure	0-40 psig	(0-2.7 bar)
<i>(The SG-2™ Rotary includes a optional 0-15 psig pressure kit).</i>		
MAX. Working Pressure	50 psig	(3.5 kg/cm ²)
Overall Height With Auxiliary Handle	16-9/16 in.	(42.06 cm)
Without Auxiliary Handle	11-3/4 in.	(29.85 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 Weight	7lbs. 5oz.	(3.3 kg.)
Agitator Air Consumption	2.5 cfm @ 40 psi.	
	7.5 cfm @ 100 psi	

Refer to Service Bulletin:
77-2658 (80-350 & 80-351)
77-2796 (80-451)

■ **Accessories**

PART #	DESCRIPTION
73-125	Air Controller (for atomizing air)
80-356	Canister Liner Qty. Pack of 80-355, 12/pk.
80-375	2 Quart Canister Assembly – Use w/80-350, 80-351, 80-451.
HAV-500	Air Adjusting Valve
HAV-501	Air Adjusting Valve w/Gauge



80-356

■ **Lid Gasket**

PART #	DESCRIPTION
80-392	For use with 80-350, 80-351 and 80-451 (EPDM)

■ **SG-2 Model**

PART #	REPAIR KIT	NOB KIT
80-350	80-353	80-390
80-351	80-353	80-390
80-405 agitator	80-354	
80-350, 80-351	80-352 High Pressure Conversion Kit	—
80-451	80-464	80-390
37-478 agitator motor	6-196	
80-452 agitator	80-463	

SG-2™ Steadi-Grip 2 Qt. Pressure Cups



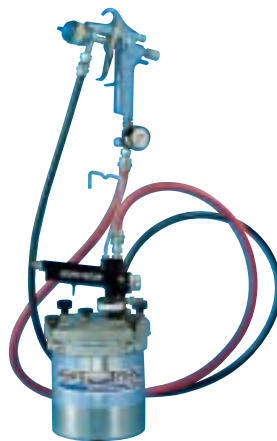
**Steadi-Grip Non-Agitated
 SG-2 Outfit - (80-350)**

The Binks **SG-2** Steadi-Grip pressure cup (80-350) is ideal for component spraying and industrial applications where small batch production spraying is required. Its lightweight and rugged construction provides excellent portability. Since the **SG-2** cup is pressurized, the spray gun can be held at any angle without spitting or sputtering.
 Part Sheet 2658



SG-2 Steadi-Grip Agit - (80-351)

The Binks **SG-2** Agitator Cup (80-351) includes a reciprocating 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 2658



**SG-2 Steadi-Grip Cup Outfit-
 (98-1198)**

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 2 qt. pressure cup (80-350).

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. The SG-2 model (80-351) should **NEVER** be used with halogenated solvents. An explosion could occur.

What are Halogenated Solvents?

Solvents are substances which are capable of dissolving or dispersing other substances. Halogenated solvents are those chemicals which contain one or more of the halogen elements: chlorine, bromine, fluorine, astatine, and iodine. Most halogenated solvents contain chlorine and are referred to as chlorinated solvents. Halogenated solvents are usually very toxic to living organisms and have significant potential to degrade the environment and affect human health if improperly handled or disposed.