

Champion™ AAA Liquid Spray System



Easy to use, air-assisted airless liquid spray system for painting iron, wood and plastic materials with high transfer efficiency and material savings.

Champion™ AAA liquid spray system from Nordson features spraying design that easily adjusts to deliver high transfer efficiency with minimal overspray for smooth, even coating coverage.

Champion AAA Liquid Spray Gun

- Lightweight (677 g/24 oz) for operating ease
- Simple to use, clean and maintain
- Adjustable spray fan cap for efficient coating
- Easy-adjustment of control fan air and material flow
- Patented, self-cleaning nozzle system eliminates disassembly for rapid response
- Rugged aluminum alloy gun body for long service life
- Safety trigger lock in easy reach
- Hook allows for convenient gun placement

Sprays Variety of Coating Materials

- Synthetic paints, bases and enamels
- Polyurethane
- Varnishes
- Liquid dyes
- Pastel and water-based paints
- Lacquers
- Primers

Air-operated Champion AAA System Piston Pump



Champion AAA Liquid Spray Gun

Air-operated Champion AAA System Piston Pump

- Practical, versatile, easy to use design
- Operates with outlet pressure of 30 to 120 bar (440 to 1760 psi)
- Reliable operation for consistent spray performance
- Compact design provides flexibility for varying requirements
- Flange permits wall or dolly mounting
- Air motor features pneumatic valve with stall protection
- Stainless steel suction and pressure valves for long life
- Chromium-plated pumping rod has high resistance polyethylene strengthened lip seals

Champion™ AAA Liquid Spray System

System Features and Benefits

- Delivers high transfer efficiency with reduced overspray
- Patented self-cleaning nozzle system eliminates gun disassembly for maximum uptime
- Practical, versatile, easy to use pump design
- Compact design is ideal for tight spaces and coating small parts
- Available as wall-mount or mobile system
- Air motor regulator permits adjustment of fluid outlet pressure

- Gun and pump routine maintenance is very simple
- No component disassembly required to clean unit for color change

Optional Accessories

- Assorted nozzles to meet changing production requirements
- High-pressure (K 20) pump
- Connection hoses
- Cleaning needles
- Paint filters 60, 100, 200 MESH

Specifications

Spray Gun	Pump
Air Pressure – maximum 5 bar/71.4 psi	Fluid Delivery (5 bar – free connections) 2.0 LT/min .4 GPM
Air Working Pressure 1-2.5 bar/14.28-35.7 psi	Pressure Ratio 20:1
Paint Working Pressure 20-100 bar/290-1430 psi	Paint Delivery (w/nozzle dia of 0.013 at 5 bar) .5 LT/min .13 GPM
Product Pressure – maximum 140 bar/2000 psi	Fluid Pressure – maximum 120 bar/1760 psi
Nozzles 007-021 microinches	Pump Regulating Air Pressure – maximum 6 bar/90 psi
Weight 677 g/24 oz	Air and Fluid Hose Fittings ¼ -in. NPS
Gun Dimensions	Nozzles to be assembled From .007 in. to .019 in.
Length 160 mm/6.4 in.	Weight (pump with dolly) 26 Kg/55 lbs.
Height 210 mm/8.4 in.	
Air Inlet ¼ -in. NPS	
Paint Inlet ¼ -in. NPS	

P/N	Description
1084033	System, Dolly, Champion AAA w/ hose
1084034	System, Wall, Champion AAA w/ hose
1084019	Gun, Champion AAA
1084030	Pump, N-20, 20:1



Nordson reserves the right to make design changes to products to improve their function. These changes may occur between printings.

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