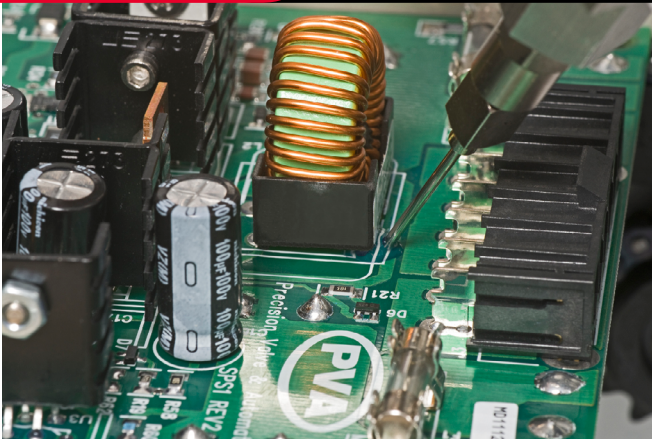




INNOVATION. PRECISION. EXCELLENCE.



System Specifications

Dispense Valves

FCS300-R
FC100

Spray Pattern Diameter (FCS300-R)

6.35 mm - 50.8 mm
(0.25 in - 2 in)

Dispense Outlet (FC100)

Luer lock adapter

Atomizing Air Pressure

1 psi - 15 psi

Fluid Reservoirs

PVA-2G (FCS300-R)
PVA-202-120 (FC100)

Wetted Components

Valve - Stainless steel, Teflon, Kalrez
Tanks - Stainless steel and HDPE
Material Lines - UV safe Teflon

Maximum Material Pressure

80 psi

Optional Valve Stands

PV106-S with solvent/purge cup



MCCS-SYS-2

Manual Conformal Coating System

This complete manual conformal system combines one FCS300-R atomized spray valve to apply fluid over a large area and one FC100 needle style dispense valve for detailed application of beads close to keep out areas. Both applicator technologies are typically used in an automated conformal coating and dispensing machines to achieve the best results. Each valve is mounted to a pneumatic trigger handle to independently activate the spray or dispense, making it easy for the operator to switch between application methods.

Supplied with a 2-gallon stainless steel pressure tank, compatible fluids can be poured into the tank through the oval opening in the lid, which will supply fluid to the spray valve. The second valve is connected to the 12 oz metal cartridge retainer with air cap that is mounted onto a stand to hold plastic cartridges and feed the dispense valve through a fluid line.

Complete systems are supplied with all necessary fluid and air fittings and tubing (6 ft) to operate out of the box.

The MCCS-SYS-2 has many additional integrated features including:

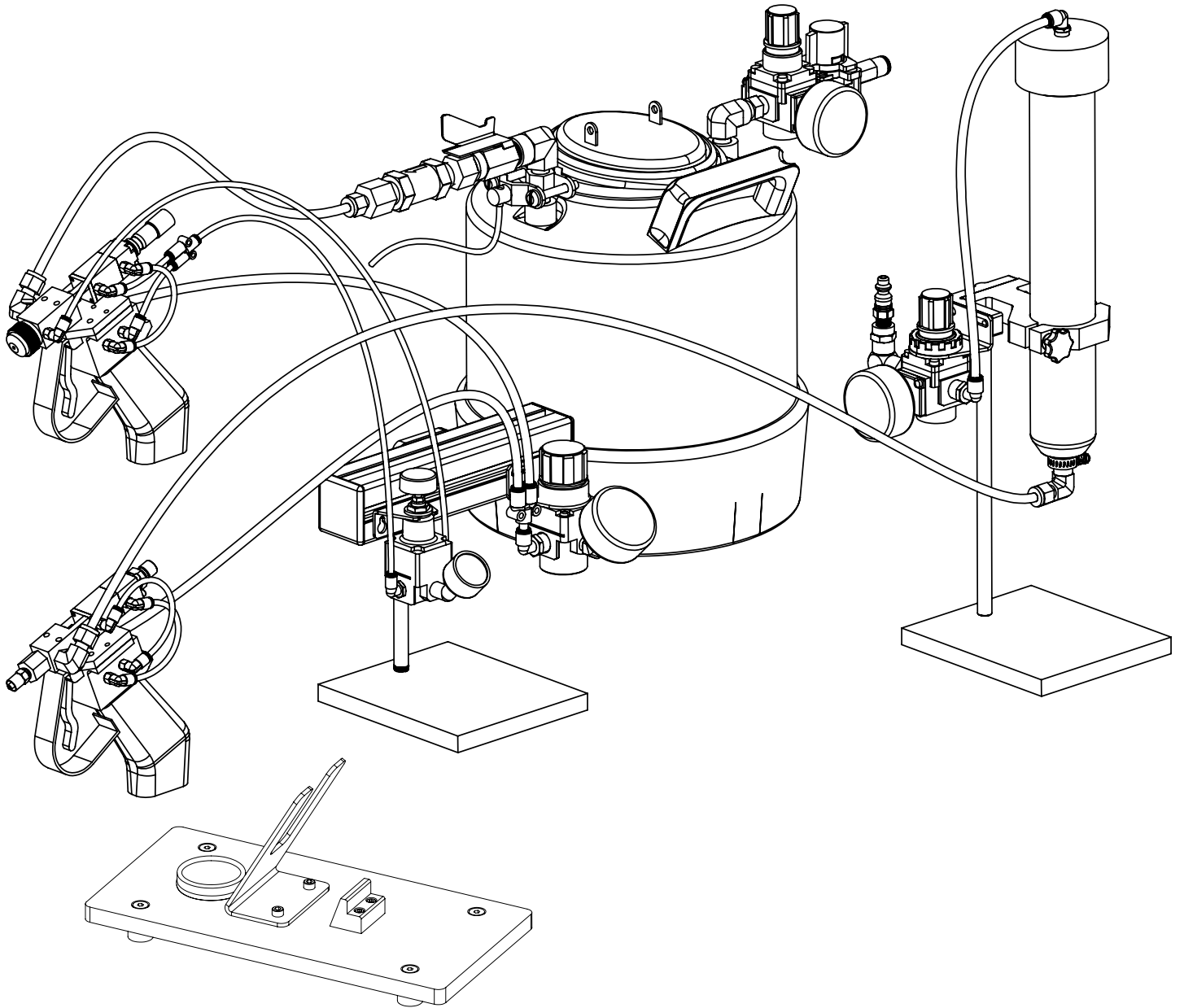
- Low volume, low pressure atomized spray valve for manual conformal coating of PCBs
- Dispense valve with outlet for luer lock needles
- Hand trigger activation

For more information, please contact PVA at info@pva.net or contact your local representative.

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System Assembly



System shown above includes optional PV106-S Valve Stand with solvent/purge cup.