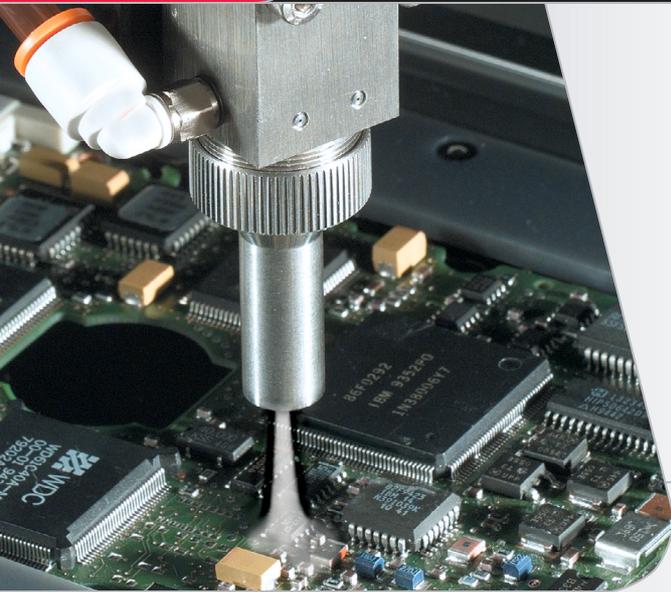




**WHERE
PRECISION
DRIVES
PRODUCTION**



SYSTEM SPECIFICATIONS

Dimensions:

168 mm x 22 mm x 22 mm
(6.60 in x 0.866 in x 0.866 in)

Weight:

9 oz

Viscosity Range:

1 cps - Paste

Operating Air Pressure:

30-100 PSI

Maximum Fluid Pressure:

3500 PSI

Wetted Parts:

Stainless Steel, Viton, Teflon®

Transfer Efficiency:

99%

Spray Pattern Width:

0.125 in x 0.5 in

FCS100-ES

STAINLESS STEEL EXTENDED SPRAY VALVE

The FCS100-ES extended spray valve from PVA eliminates masking of circuit board components by producing a concentrated, atomized coating film with oval-shaped pattern widths ranging from 0.125 inches to 0.5 inches. This atomized process results in transfer efficiencies in excess of 99%, significantly improving material utilization over manual applications.

The FCS100-ES has many integrated features including:

- ▲ Stainless steel fluid body for superior material compatibility
- ▲ Divorced valve design prevents material contamination of the air body
- ▲ Compatible with all commercially available conformal coatings
- ▲ Adjustable flow control
- ▲ Low pressure, low volume atomized process
- ▲ Wide viscosity range offers versatility for virtually any spray application

The FCS100-ES is available on all new PVA2000™ and PVA650™ selective conformal coating work cells, or can be retrofitted to any existing PVA system. For more information on PVA's dispensing capabilities, please contact one of our sales representatives at (518) 371-2684.

PVA also offers the following products to improve your dispensing application:

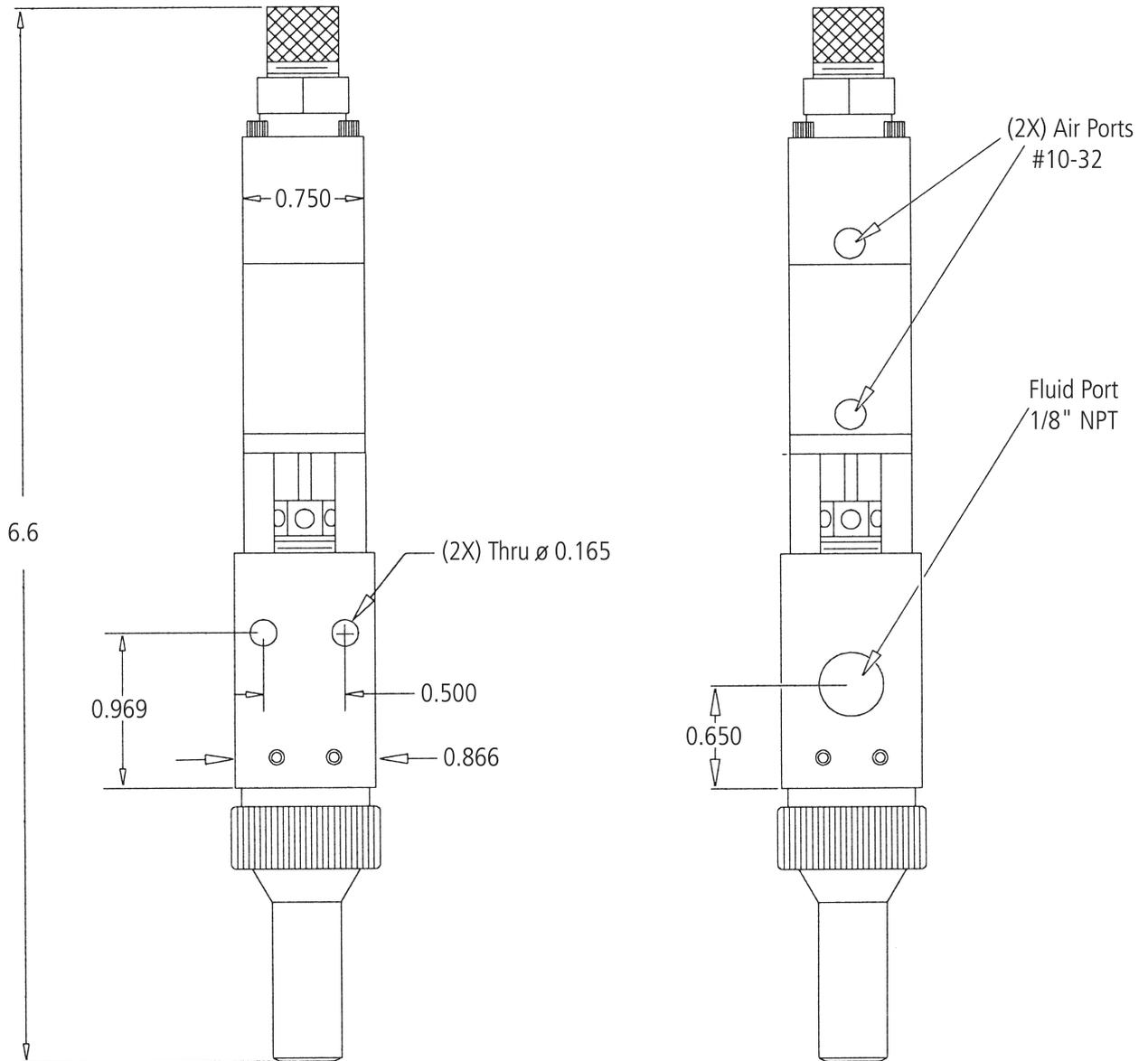
FCS1-ES-SP
FCS100-F
FCS100-R
PVA2000
PVA650

FCS100-ES spare parts kit
Stainless steel spray valve with fan-shaped pattern
Stainless steel spray valve with oval-shaped pattern
Selective conformal coating system
Selective coating/dispensing system



15 Solar Drive
Halfmoon NY 12065
tel 518 371 2684
fx 518 371 2688
info@pva.net

Teflon® is a registered trademark of DuPont.



Measurements shown in inches.

15 Solar Drive
 Halfmoon NY 12065
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 fx 518 371 2688
 info@pva.net

PVA valves are designed for exclusive use with PVA conformal coating machines, which are covered by U.S. Patent numbers: 6,170,760 B1, 6,132,809, and 6,068,202. Use of components manufactured by other suppliers with the PVA conformal coating machine is prohibited. PVA warrants that its conformal coating machine and components meet all design requirements. Any use of PVA components, including valves, with systems manufactured by other suppliers, will void the warrantee. Any use of the PVA conformal coating machine with components by other suppliers will also void the warrantee.