

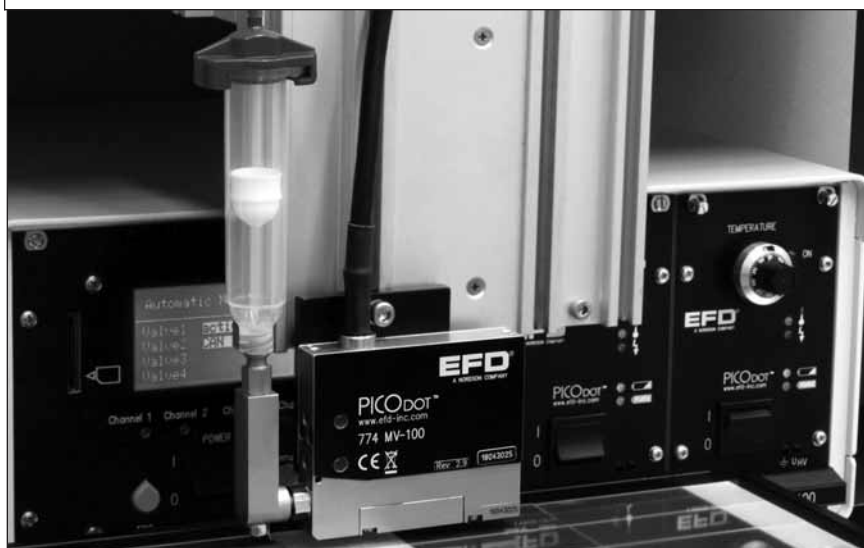
## PicoDot Parts List

Revision: April 2010

Part Number	Description	Fluid Viscosity Range	Nozzle Orifice
<b>Piezo-Electric Valves</b>			
7013378	PicoDot Needle Valve	50-200,000 cps	Dispense needle adapter w/ luer lock fitting
7013379	PicoDot Jet Valve LV	50-1,000 cps	0.150 mm / 0.006"
7013380	PicoDot Jet Valve LV	50-1,000 cps	0.300 mm / 0.012"
7013381	PicoDot Jet Valve LV with heater	50-200,000 cps	0.150 mm / 0.006"
7013382	PicoDot Jet Valve LV with heater	50-200,000 cps	0.300 mm / 0.012"
7013383	PicoDot Jet Valve MV with heater	50-200,000 cps	0.150 mm / 0.006"
7013384	PicoDot Jet Valve MV with heater	50-200,000 cps	0.300 mm / 0.012"
7013386	PicoDot Jet Valve HV with heater	1,000-500,000 cps	0.400 mm / 0.016"
<b>Valve Driver</b>			
7013396	PicoDot Needle Valve Driver		
7013397	PicoDot Jet Valve LV Driver		
7013398	PicoDot Jet Valve LV Driver with temperature controller		
7013399	PicoDot Jet Valve MV Driver with temperature controller		
7013400	PicoDot Jet Valve HV Driver with temperature controller		
<b>Power Supplies for Valve Drivers</b>			
7012976	Power Supply, 24 V, 3.75 A, 90VA for one controller and up to 3 valve drivers without or 1 with temperature controller		
7012978	Power Supply, 24 V, 10 A, 240VA for one controller and up to 8 valve drivers without or up to 4 with temperature controller		
<b>Interface Cable for Valve Drivers</b>			
7012975	Cable, 7742-CON-PLC, 2M/6'		
<b>Jet Controllers</b>			
7015899	PicoDot Valve Controller for up to two PicoDot valves, version 2		
7015900	PicoDot Valve Controller for up to four PicoDot valves, version 2		
7013403	Housing for 1 PicoDot Valve Controller and 1 PicoDot valve driver		
7013404	Housing for 1 PicoDot Valve Controller and 2 PicoDot valve drivers		
<b>Cables</b>			
7013347	PicoDot Extension Cable, 1 m / 3 ft		
7013348	PicoDot Extension Cable, 2.5 m / 8 ft		
7013349	PicoDot Extension Cable, 4.5 m / 15 ft		
7013350	PicoDot Extension Cable, 9 m / 30 ft		
7013351	PicoDot Extension Cable, 2.5 m / 8 ft, for drag chain installation		
7013352	PicoDot Extension Cable, 4.5 m / 15 ft, for drag chain installation		
7013353	PicoDot Extension Cable, 9 m / 30 ft, for drag chain installation		
7013354	PicoDot Extension Cable, 4.5 m / 15 ft, helix		
<b>Tanks</b>			
7013355	High Pressure Tank for 10 and 30 cc Syringes, max. 50 bar / 725 psi		
7013356	High Pressure Tank for Cartridges, max. 50 bar / 725 psi		
7013357	High Pressure Fluid Supply Hose between high pressure tank and valve, 1.5 m / 5 ft, 3/16", max 50 bar / 725 psi		

Part Number	Description
<b>Needles</b>	
7013358	PicoDot Needle Adapter, 360 deg
7013359	PicoDot Precision Dispensing Needle, orifice 0.05 mm / 0.002"
7013360	PicoDot Precision Dispensing Needle, orifice 0.2 mm / 0.008"
7013361	PicoDot Precision Dispensing Needle, orifice 0.2 mm / 0.008", PTFE coated
7013362	PicoDot Precision Dispensing Needle, orifice 0.4 mm / 0.016"
7013363	PicoDot Precision Dispensing Needle, orifice 0.4 mm / 0.016", PTFE coated
7013364	PicoDot Stainless Steel Nozzle
<b>Fittings</b>	
7013365	Elbow Fitting, 90 deg, to attach syringes with luer lock adapter directly to the valve
<b>Mounts</b>	
7013935	PicoDot Valve Robot Mount
<b>Filters</b>	
7013375	Inline Fluid Filter Housing, 6 mm / 6-4, requires T filter
7013376	T Filter with 7 micron mesh size, 10 pcs
7013377	T Filter with 90 micron mesh size, 10 pcs
<b>Spare Parts</b>	
7013372	Valve Cleaning Kit
7013373	Valve Refill Cleaning Kit
7013366	Seal Kit for High Pressure Tank for 10-30 cc Syringes
7013367	Seal Kit for High Pressure Tank for Cartridges
7013368	O-Rings for nozzle plate, 10 pcs
7013369	O-Rings for needle adapter, 10 pcs
7013370	O-Rings for nozzle plate ISOLAST, 1 pc
7013371	Screws for nozzle plate, 30 pcs
7013374	Cap Nut for needle adapter

\* For each new system valve, one spare part valve may be ordered at a reduced exchange price with the system order. Spare part valves can be purchased with a discount of 30% for valves without heater and 50% for valves with heater within 12 months of shipment of the original valve that will be replaced. Used valve needs to be returned to EFD to receive the credit for the discount. Other regulations may apply the discount.



For application assistance call  
800-556-3484.

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