

NCM5000 Pump Parts List

PN 22200614

Version 10.0 (May 21, 2025)

	Description	Part Number	Consumable*	Suggested**	General	Expected Life†
	Diaphragm - Silicone 	Selection based on fluid used. 2560-0628 Diaphragm Grey Silicone - Qty 5 2650-0627 Diaphragm Grey Silicone, Contoured - Qty 5	X			20-40M cycles
	Diaphragm - FFKM 	Selection based on fluid used. 2650-0225 , Diaphragm FFKM - Qty 5 2650-0309 , Diaphragm FFKM, Contoured - Qty 5	X			20-40M cycles
	Feed Tubes 	2650-0151 , Feed Tube Black Silicone (UV) - Qty 50 2650-0152 , Feed Tube Clear Tygon - Qty 50	X			1 day
	O-Rings, Nozzle Insert - Silicone 	2650-0247 , Nozzle Insert O-Ring, Silicone, Qty 10 + 6 Nozzle Plate Screws	X			100M cycles
	O-Rings, Nozzle Insert - FFKM 	2650-0306 , Nozzle Insert O-Ring, FFKM, Qty 10	X			100M cycles
	O-Rings, Nozzle Plate - Silicone 	2650-0246 , Nozzle Plate O-Ring, Silicone, Qty 10	X			> 20-40M cycles
	O-Rings, Nozzle Plate - FFKM 	2650-0305 , Nozzle Plate O-Ring, FFKM, Qty 10	X			> 20-40M cycles
	Nozzle Insert Cleaning Wires	22142049 , 75 Micron Nozzle Insert Cleaning Wires 22142051 , 125 Micron Nozzle Insert Cleaning Wires 22142052 , 200 Micron Nozzle Insert Cleaning Wires	X			
	Nozzle Cleaning Kit	22142049 , 75µm ID Nozzle Cleaning Kit 22142051 , 125µm ID Nozzle Cleaning Kit 22142052 , 200µm ID Nozzle Cleaning Kit	X			
	Nozzle Plate - With Ceramic Flat 	2650-0622 , Nozzle Plate Ceramic Flat 75 Micron 2650-0623 , Nozzle Plate Ceramic Flat 125 Micron 2650-0624 , Nozzle Plate Ceramic Flat 200 Micron			X	>250M cycles
	Nozzle Plate - With Carbide Flat 	2650-0603 , Nozzle Plate Carbide Flat 75 Micron 2650-0599 , Nozzle Plate Carbide Flat 125 Micron 2650-0597 , Nozzle Plate Carbide Flat 200 Micron			X	>250M cycles
	Nozzle Plate - With 3mm Carbide Capillary 	2650-0619 , Nozzle Plate Carbide Capillary 3mm 125 Micron 2650-0620 , Nozzle Plate Carbide Capillary 3mm 200 Micron			X	>250M cycles
	Nozzle Plate - With 6mm Carbide Capillary 	2650-0604 , Nozzle Plate Carbide Capillary 6mm 75 Micron 2650-0600 , Nozzle Plate Carbide Capillary 6mm 125 Micron 2650-0621 , Nozzle Plate Carbide Capillary 6mm 200 Micron			X	>250M cycles

	Nozzle Plate - NO INSERT 	2650-0311 , Nozzle Plate, NO INSERT			X	>250M cycles
	Nozzle Plate - Stainless Steel - NO INSERT (non-magnetic) 	2650-0243 , Nozzle Plate Non-Magnetic, NO INSERT			X	>250M cycles
	Nozzle Inserts - Carbide - Flat 	2650-0605 , NCM5000 Nozzle Insert Carbide 75 Micron 2650-0601 , NCM5000 Nozzle Insert Carbide 125 Micron 2650-0598 , NCM5000 Nozzle Insert Carbide 200 Micron		X		150M cycles
	Nozzle Inserts - Ceramic - Flat 	2650-0656 , NCM5000 Nozzle Insert Ceramic 75 Micron 2650-0657 , NCM5000 Nozzle Insert Ceramic 125 Micron 2650-0658 , NCM5000 Nozzle Insert Ceramic 200 Micron		X		150M cycles
	Nozzle Capillary - Carbide 3 mm 	2650-0654 , NCM5000 Insert Carbide Capillary 3mm 75 Micron 2650-0595 , NCM5000 Insert Carbide Capillary 3mm 125 Micron 2650-0596 , NCM5000 Insert Carbide Capillary 3mm 200 Micron		X		150M cycles
	Nozzle Capillary - Carbide 6 mm 	2650-0606 , NCM5000 Insert Carbide Capillary 6mm 75 Micron 2650-0602 , NCM5000 Insert Carbide Capillary 6mm 125 Micron 2650-0660 , NCM5000 Insert Carbide Capillary 6mm 200 Micron		X		150M cycles
	Bushing for Heater Block 	2650-0303 , Bushing, Heater Block		X		150M cycles
	Air Valve, Main 	2650-0323 , Drive Solenoid			X	200M cycles
	Cylinder Assembly, Main <i>For pumps WITH heater seal -</i> 	2650-0325 , Main Cylinder, Hammer, No Washers			X	200M cycles
	Cylinder Assembly, Main <i>For pumps without heater seal -</i> 	2650-0244 , Main Cylinder, Hammer, Two Washers			X	200M cycles
	Cylinder Assembly, Lever 	2650-0334 , Cylinder Assembly Lever			X	200M cycles
	Compression Spring, Jet 	2650-0321 , Spring Jet			X	500M cycles
	Silencer - Muffler 	2650-0322 , Exhaust Muffler			X	200M cycles
	Lever <i>For pumps WITH heater seal -</i> 	2650-0318 , Lever			X	500M cycles
	Lever <i>For pumps without heater seal -</i> 	2650-0333 , Lever			X	500M cycles

	Lever Spring 	2650-0335 , Lever Spring			X	500M cycles
	Shoulder Bolt 	2650-0319 , Shoulder Bolt			X	500M cycles
	Heater Seal <i>For pumps WITH heater seal -</i> 	2650-0315 , Heater Seal			X	200M cycles
	Washer <i>For pumps WITH heater seal -</i> 	2650-0316 , Washer			X	200M cycles
	Lower Body, Manifold Spacer Kit 	2650-0665 , Lower Body, Manifold Spacer Kit			X	500M cycles
	Pump Heater Repair Kit • For use with tabletop controller P/N 2200-0400 with D-Sub connector	5300-0103 , Heater Repair Kit, Tabletop			X	
	Pump Heater Repair Kit • For use with MAX/DS systems with round M16 8-pin connector - Includes air hose	22293252 , Device Repair Kit, NCM5000 Heater Block			X	
	Pump Maintenance Kit (Cross Seal)	22293343 , NCM5000 Pump Maintenance Kit (Cross Seal)			X	
	Maintenance Tool Kit • Includes: Gap Set Tool, Torque Wrench, Solenoid adpt	22290042 , NCM5000 Maintenance Tool Kit			X	
	Syringe Support Bushings 	22203598-002 , Syringe Bushing, NCM5000, 3cc 22203598-001 , Syringe Bushing, NCM5000, 5cc 22203598 , Syringe Bushing, NCM5000, 10cc			X	

NOTES:

* Consumable parts have an expected life cycle of one month or less.

** Suggested parts have an expected life cycle of 6 months or less.

‡ Expected Life = general guideline only. Part life can vary significantly from typical values listed due to fluid type dispensed, operating pressures and speeds, handling, and cleaning.