

# Microinjector Parts List

This is a list of all parts that could fail in the future and the suppliers we purchased them from.  
This information will be helpful should your instrument need repairs.

General description	Exact part Description	Vendor	Vendor Catalog No
Inject cylinder	Bimba Flat 1 Cylinder FO-1254	Numatic Engineering	FO-1254
Eject cylinder	Bimba Flat 1 Cylinder FOS-1250.25-4RV	Numatic Engineering	FOS-1250.25-4RV
Inject solenoid	Mark 15 solenoid 240V 60Hz 153SA431K	Numatic Engineering	153SA431K 240/60
Speed valve	three way valve 1/4 female npt	Ventura Valve & Fitting	B-43XF4
Eject solenoid	Solenoid S310 240VAC 50/60 Hz	Brenner-Fiedler	S310-240VAC
Eject solenoid	end plate	Brenner-Fiedler	7-900A
New Temp control	Eurotherm 2216	A&G Instrument Service & Cal.	2216/CC/VH/LH/XX/XX/XX/ENG
Old Temp control	Eurotherm Model 91E (no longer available)	A&G Instrument Service & Cal.	91E
Eject switch	22 mm switch	Newark	96F3627
Inject switch	Two position lever switch	Newark	50F7327
Inject switch	Contact 1NC	Newark	50F7316
Solid State relays	SSR 25A DC control SSR-240-25G-DC1	SELCO Products Co.	SSR-240-25G-DC1
Mold Thermocouple	Thermocouple AF4K0UA015UKO1H	SELCO Products Co.	AF4K0UA007UK01H
Lock Pin	M12 indexing plunger steel locking	Reid Tool Supply	WIP-615
Lock Pin	M12 locking nuts	Reid Tool Supply	WIP-6010
Bracket Spring	Utility Spring 1 1/16 x 3-5/8 x 0.070	Century Spring Corporation	506
Tools	Twisted wire brush Brass fem thr 3/8"D 4"L	McMaster Carr	7231T27
Tools	Curved jaw plier	McMaster Carr	5555A33
Tools	Hex L Key 1/4	McMaster Carr	5503A24
Tools	Hex L Key 3/8	McMaster Carr	5503A26
Tools	Tin funnel 1/2 pt capacity	McMaster Carr	8996T12
Tools	Deep socket 9/16 (3/8 driver)	McMaster Carr	5544A45
Tools	Pin Punch 7/16 point	McMaster Carr	3416A41
Tools	Fluorinated Grease GPL 226	McMaster Carr	10195K35
Tools (rod to pack polymer in barrel)	Garolite XX rod 3/8"OD, 3ft long	McMaster Carr	8526K13
Barrel		DACA Instruments only	
Mold heater		DACA Instruments only	
Piston		DACA Instruments only	
Bracket to hold barrel during injection		DACA Instruments only	
Support Plate		DACA Instruments only	

Parts for MicroInjector

Support Rods  
 Support Tubes  
 Lock pin bracket

DACA Instruments only  
 DACA Instruments only  
 DACA Instruments only

Custom Molds

ACRA Enterprises Inc.

**Vendor Information**

**Vendor Name**

DACA Instruments  
 ACRA Enterprises Inc.  
 A&G Instrument Service & Cal.  
 Cal-State Seal & Fluid Comp  
 Century Spring Cor.  
 Dowels Pins & Shafts, Inc  
 McMaster Carr  
 Newark  
 Numatic Engineering  
 Reid Tool Supply  
 SELCO Products Co.  
 Ventura Valve & Fitting

**VENDOR Address**

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 222T E. 16th St  
 1975 Calumet St  
 P.O. Box 54960  
 550 S Charles Dr.  
 7915 Ajay Drive  
 2265 Black Creek Rd.  
 709 North Poplar St.  
 325 Balboa Circle

**Vendor city, state, zip**

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 Goleta CA 93117  
 Anaheim, CA 92807  
 Garden Grove CA 92843  
 Los Angeles, CA 90015  
 Clearwater FL 33765  
 Los Angeles, CA 90054-9948  
 Thousand Oaks, CA 91360  
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 Camarillo, CA 93012

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