

MicroCompounder 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 decription	Exact part Description	Vendor	Vendor Catalog No
Motor timer	electronic hourmeter	NEWARK	66F1111
Cooling fan	FAN 40cfm 230VAC	NEWARK	46F5109
White relay inside new control	Timing relay	NEWARK	88826105
Clear elay inside new control	General Purpose relay	NEWARK	67F3892
Main power switch	circuit breaker 10A	NEWARK	56F892
Filter inside mixer	RFI power filters (crocom 6ET1)	NEWARK	44F3964
Filter inside mixer	3VRI filter	NEWARK	81F4555
Standard motor	Baldor 1/3 HP 5:1 Gearmotor 345 RPM	Minarik	GPP3378
High Torque motor	Baldor 1/3 HP 15:1 Gearmotor 115 RPM	Minarik	GPP3374
Motor driver	PWM control for gearmotor 230VAC	Minarik	XL3050
Motor driver	Isolation Front End	Minarik	PCM4
Speed sensor	Red Lion Magnetic Pickup	Minarik	MP-62TA00
Motor speed control (Old style)	Closed Loop Controller 230VAC	Minarik	DLC5000
Motor speed control (New style)	Microspeed 196	Electro-Sensors, Inc	196
Torque display (Old Stye)	Red Lion Current Meter	Minarik	APLID410
Torque display (New Stye)	Red Lion Current Meter	Minarik	PAXD000
Torque display (New Stye)	Red Lion 485 Serial card	Minarik	PAXCDC10
Torque display (New Stye)	Red Lion Dual setpoint Card	Minarik	PAXCDS10
Clear relay inside mixer	Latching Relays	Electric Parts Center	8501-KL12-V24
Black relay inside mixer	Timing Relay 230AL	Electric Parts Center	TDML230AL
Soild state relay	SSR 25A DC control SSR-240-25G-DC1	Selco Products Co.	SSR-240-25G-DC1
Temp Control (Old style, no longer avail.)	Eurotherm Model 94	A&G Instrument Service & Cal.	94
Temp Control (New style)	Eurotherm Model 2416	A&G Instrument Service & Cal.	2416/CC/VH/LH/RC/XX/YZ/ENG
Top 2 heaters (300W)	1/4 X 2" cartridg heater SWAGED leads 300W	Selco Products Co.	E2A83-D12
Bottom 6 heaters (150W)	6.5 x 40 mm cartridge heater SWAGED leads	Selco Products Co.	KEBE0040C012A
Thermocouple	Thermocouples AF4K0UA003UK01M	Selco Products Co.	AF4K0UA003UK01M
Load display (New Style)	Type E725 Transducers	RDP Electosense	E725-230-DCI-R-1-0
Load Amplifier (located below load cell)	Inline Transducer amp(board only)	RDP Electosense	S7DC
Load cell	Low Cost Load Model Cell 53 2000 Lbs	SENSOTEC	AL131-DL
Load display (old style)	Model GM signal conditioner/indicator with	SENSOTEC	AE213-58A
Solenoid for cooling air	Solenoid S310 240VAC	Brenner-Fiedler	S310-240VAC
Solenoid for cooling air	end pate	Brenner-Fiedler	7-900A

Parts for MicroCompounder

Motor belt	Timing belt 8mm pitch 20mm wide 100 teeth	McMaster Carr	6486K116
Tools	Retaining-Ring Pliers, straight tip, Ext., .126" tip	McMaster Carr	5449A84
Tools	Wire Brush, Phosphor bronze, 13 3/4 long	McMaster Carr	7187T11
Tools	Welder's Brush, Wood handle, Brass Bristles	McMaster Carr	7327T21
Tools	Twisted wire brush, Brass, SS DS, 3/8"D, 4"L	McMaster Carr	7231T27
Tools	9 piece metric Hex L-Key set	McMaster Carr	5709A18
Tools	6mm Ball point Hex standard driver	McMaster Carr	5497A61
Tools	combination metric wrench 10mm	McMaster Carr	7194A15
RS232 <-> RS485 translator	232 <-> 485 Converter Plus Standalone	Black Box Corp	IC108A
Cleaning Compound	Type: 2 pellet mix: PP + opaque material	Rapid Purge	PM-9240
Cleaning Compound	Single component. The best in our opinion	Sun Plastec	Asaclean U10
Barrel		DACA Instruments only	
Flow Director		DACA Instruments only	
Barrel Plug		DACA Instruments only	
Ball Adapters		DACA Instruments only	
Mixing Screws		DACA Instruments only	
Flow director tool		DACA Instruments only	
Feed tool straight		DACA Instruments only	
Feed tool with funnel		DACA Instruments only	

Vendor Information

Vendor Name	VENDOR Address	Vendor city, state, zip	Phone	FAX
DACA Instruments	PO BOX 991	Goleta CA 93116	e-mail: daca@daca.com	
A&G Instrument Service & Cal.	1227 N. Tustin Ave.	Anaheim, CA 92807	(714) 630-7400	(714) 630-7663
Black Box Corp	1000 Park Dr.	Lawrence PA 15055	(877) 877-2269	(724) 746-0746
Brenner-Fiedler	13824 Bentley Place	Cerritos, CA 90703-2434	(800) 843-5558	(562) 404-7975
Electro-Sensors, Inc	6111 Blue Cricle Dr	Minnetonka MN 55343-9108	(800) 328-6170	(952) 930-0130
Electric Parts Center	700 Botello Rd., Suite A	Goleta, CA 93117	(805) 967-9392	(805) 967-2460
McMaster Carr	P.O. Box 54960	Los Angeles, CA 90054-9948	(562) 692-5911	(562) 695-2323
Minarik	P.O. Box 25033	Glendale, CA 91221-5033	(818) 507-6500	(818) 502-9002
Newark	325 Hillcrest Drive	Thousand Oaks, CA 91360	(805) 449-1480	(805) 449-1460
PapidPurge	310 Avon St.	Stanford, CT 06615	(800) 243-4203	(203) 377-7990
RDP Electrosense	2216 Pottstown Pike	Pottstown PA 19465	(610) 469-0850	(610) 469-0852
SELCO Products Co.	709 North Poplar St.	Orange, CA 92868	(714) 712-6200	(714) 712-6222
Sensotec	2080 Arlingate Lane	Columbus, OH 43228-4112	(800) 848-6564	(614) 850-1111
Sun Plastec	1140 Parsippany Blvd.	Parsippany, NJ 07054	(800) 787 4348	(973) 257-1011

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