

12. Parts List

The following list is a comprehensive parts list for the AIM3000 Autosampler. Note: many low cost items are included such as washers, clips etc which would only require replacement if lost/damaged by the user or during servicing the unit. These are included because of the low cost but high impact on downtime if the parts are unavailable.

Refer to this section when requesting spare parts from AI Scientific.

GENERIC SPARES			
Callout	Part No.	Description	Qty/Unit
	8027568	SCREW, M3X4mm, GRUB HEXAGON SOCKET SET, HIGH	10
	G-F-P013	WASHER, M4, STAR, 316 S/S	12
	G-F-P018	WASHER, M3, STAR, 316 S/S	12
	G-F-P297	SCREW, 4X10mm, SELF TAP, 304 S/S	10
	G-F-P301	SCREW, M4X6 CSK, PHILLIPS HD, S/S	3
	G-H-P085	PVC FOOT, GREY	
1	P-E-P033	CABLE, POWER LED	2
4	P-E-P007	CABLE, THETA AXIS FFC	5
5	P-U-P128	Z AXIS CARRIAGE	1
10	P-E-P009	PCB, THETA AXIS ENCODER	1
11	P-E-P011	CABLE, Z AND X AXIS FFC	5
12	P-U-P287	PULLEY, DRIVE, MXL	2
13	G-F-P292	RIVET, PLASTIC SNAP	10
14	P-E-P002	PCB, Z AXIS ENCODER	1
15	P-U-P046	PULLEY, IDLER	5
16	P-U-P143	SPRING	5
17	G-F-P299	SHAFT RETAINER, 10mm DIA.	3
19	8020614	CIRCLIP, SPIRE SCO 8210.	6
20	8027873	O RING, EPDM, 6mm x 3mm.	6
21	P-U-P261	ROLLER, X CARRIAGE	2
22	P-E-A005	ASSY, STEPPER MOTOR	1
23	P-E-P031	PCB, X AXIS ENCODER	1
24	P-E-P032	PCB, INTERNAL ACCESSORIES	1
27	G-E-P227	SOCKET, POWER	1
28	P-U-P189	ENCODER WHEEL	3
31	P-E-P034	CABLE, AUX COM/CONTROL	2
32	P-E-P035	CABLE, AUX COM/POWER	2
33	P-E-P036	CABLE, PUMP SPEED CONTROL	2
34	P-E-P040	CABLE, POWER GND	2
35	P-E-P041	CABLE, EARTH, REAR PANEL GND STRAP	2
44	P-U-P263	PULLEY, DRIVE, T2.5	2
45	G-F-P300	SPRING PIN, 5X30mm, S/S	4
47	P-U-P177	COVER, PROBE ARM SCREW CAP	2
56	G-E-P265	FERRITE	2

AIM3200 SPARES

Callout	Part No.	Description	Qty/Unit
2	P-U-P152	SPILL TRAY	1
6	G-X-P080	Z-AXIS BELT, TIMING, MXL-417-06	2
8	P-U-P114	Z AXIS SHAFT	2
18	G-H-P083	PLUG / BUFFER	4
25	G-E-P226	POWER SUPPLY, 50W	1
29	P-E-P043	PCB, MAIN	1
36	G-X-P096	X-AXIS BELT, TIMING, T2.5-780-06	2
38	P-E-P025	CABLE, AC POWER	2
40	P-E-P026	CABLE, DC POWER	2
42	G-E-P268	FUSE, 250V 3.15AT x 20mm LONG	1 PKT

AIM3300 SPARES

Callout	Part No.	Description	Qty/Unit
3	P-U-P153	SPILL TRAY	1
7	G-X-P081	Z-AXIS BELT, TIMING, MXL-498-06	2
9	P-U-P118	Z-AXIS SHAFT	2
26	G-E-P259	POWER SUPPLY, 75W	1
30	P-E-P006	PCB, MAIN	1
37	G-X-P097	X-AXIS BELT, TIMING, T2.5-880-06	2
39	P-E-P046	CABLE, AC POWER	2
41	P-E-P045	CABLE, DC POWER	2
43	G-E-P269	FUSE, 250V 5AT x 20mm LONG	1 PKT

ACCESSORIES SPARES

Callout	Part No.	Description	Qty/Unit
	G-H-P091	P-CLIP	8
	P-U-P278	ALIGNMENT PIN, NARROW (MICROTITRE)	10
46	G-H-P086	TUBING, SELF ADHESIVE ANCHORS	1 PKT
48	P-U-P304	ALIGNMENT PIN	4
49	8020602	NIPPLE, POLYPROPYLENE, 5mm ID, FWR	3
50	8020608	NIPPLE, POLYPROPYLENE, 2.5mm ID, FWR	3
51	8020752	TUBING, PVC, 8mm OD X 5mm ID, FWR	1
52	8023599	TUBING, CAPILLARY, TEFLON	1
53	8026645	TUBING, 2.5mm ID 2metre length	1
54	P-U-P255	SEAL, MRS	2
55	P-U-P317	TUBE ANCHOR	5









