



Recommended Technical Spares for Morpho Detection Entry Scan 4

1 to 3	4 to 7	8 to 11	Description	Part Number
1	1	1	ACTUATOR DRIVE MODULE	CP001016
1	1	1	COMPUTER BD, XE-900 SINGLE BD COMPUTER, VIA EDEN PROCESSOR	CP001036
1	1	1	SOUND CARD PC/104	CP001037
1	1	1	PCB ASS'Y, TRANSDUCER	E0001045
1	1	1	H.V. PULSE BOARD HIGH FLOW	E0001152
1	1	1	DIGITAL HEATER BOARD	E0001058
1	1	1	PCB ASS'Y, TRAFFIC CONTROL	E0001177
1	1	1	PCB ASS'Y, OPERATOR SIGNAL LIGHT CONTROL BOARD,	E0001091
1	1	1	PCB ASS'Y, POWER BOARD, HIGH CURRENT, PLUS 5V OUTPUT	E0001099
1	1	1	DATA ACQUISITION BOARD PC/104	E0001101
1	1	1	ASS'Y, INFRARED DETECTOR	E0002125
1	1	1	ASS'Y, PUMP SPEED ADJUSTMENT CABLE	E0002149
1	1	2	BATTERY PACK BACKUP	M0001216
1	1	1	ASS'Y, 3-LIGHT TRAFFIC LIGHT, OPERATOR	E0002369
1	2	2	HARD DRIVE	E0002436-927
1	1	1	AIR FLOW SENSOR	E0002437
1	1	1	PHOTO SENSOR ASSEMBLY	E0002454
1	1	1	HARD DRIVE RIBBON CABLE	E0002456
1	1	1	DESORBER OVERTEMP SWITCH	E0002460
1	1	1	ASS'Y, PRESSURE SWITCH with LABEL (Compressor Sensor)	E0002470
1	1	1	HEATER	EP001034
1	1	1	CIRCUIT BREAKER, 10A, 2-POLE	EP001506
1	1	1	CIRCUIT BREAKER, 5A, 2-POLE	EP001510
1	1	1	CIRCUIT BREAKER, 20A, 3-POLE	EP001512
5	5	5	FUSE, 3.15A	EP002500
1	1	1	RELAY, DUAL AC OUTPUT, SOLID STATE	EP004008
1	1	1	RELAY, SPST, 5A, 3-60 VDC, SOLID STATE, 6-32 SCREW TERMINALS	EP004017
1	1	1	RELAY, FLANGE MOUNT, SPDT, 12VDC, 144ohm, 20A	EP004018
1	1	1	DISPLAY, LCD RESISTIVE TOUCH with 90 DEGREE PLUG	EP005510
1	1	1	USB TO SERIAL ADAPTER	EP006293
1	1	1	POWER SUPPLY, AC/DC, 60W, 24VDC OUTPUT	EP007530
1	1	1	POWER SUPPLY, AC, 130W, 12VDC OUTPUT, 100W	EP007546
1	1	1	BATTERY, CMOS BACKUP	EP008006
1	1	1	PRINTER, THERMAL	EP008502
1	1	1	TRANSFORMER, CUSTOM, 80V	EP009010
1	1	1	MODULE, USB XBLOCK, PC104, OCTAGON	EP017010
1	1	1	MODULE, XBLOCK PROGRAMMABLE DIGITAL I/O, PC104	EP017011
1	1	1	DESORBER THERMOCOUPLE	EP026005
1	1	1	SPEAKER, 40W, 5"DIA, MIDRANGE, SEALED BACK	EP045011
1	1	2	ASS'Y, BLOWER	MP005841
1	1	1	ASS'Y, ES4 SHIELDED DETECTOR	M0001996
1	1	2	ASSY, REGENERATIVE DRYER	M1000025
2	4	4	SOLENOID, BYPASS	M0001385
1	1	1	ASS'Y, ELECTRONICS BOX	M0001997-926
1	1	1	ASS'Y, DESORBER, TYPE CO	K0001280



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1	1	1	ASS'Y, PNEUMATIC ACTUATOR	M0001640
4	7	11	SEAL, FACE, ENTRYSCAN SERIES	MP001280
2	4	4	PUMP, ASS'Y with BRACKET, PREWIRED, FLOW 450cc@ 5.5-6V	MP004222
1	1	1	RETRO REFLECTIVE TARGET	MP004302
1	1	1	VALVE, SOLENOID, DUAL 3 WAY	MP005023
2	4	4	SAMPLE LINE DRYER, LARGE	MP005830
1	1	1	COMPRESSOR	MP004810
1	1	1	FLOWMETER, Detector	MP006000
1	1	1	FLOWMETER, 50-500CC AIR/MIN, S.S.VALVE, TOP MOUNT,Purge	MP006005
1	1	1	FLOWMETER, OMEGA FLR1000 SERIES	MP006014
1	1	1	FLOW METER, 100-1000 cc/min, 1/4"NPT CONNECTIONS, Sample	MP006012
5	5	10	GAS FITTING, TEE, TUBING, 1/8", POLYPROPYLENE	MP006624
5	5	10	GAS FITTING, ELBOW, TUBING,1/8", POLYPROPYLENE	MP006625
5	5	10	GAS FITTING, CONNECTOR, 1/8" I.D. TUBING, STRAIGHT, 400 SERIES	MP006633
1	1	1	INSERT, FITTING, DETECTOR/DESORBER	MP006666
1	1	1	FITTING DETECTOR/DESORBER	MP006665
1	1	1	PRECONCENTRATOR HOLDER	MP007423
5 ft.	10 ft.	20 ft.	TUBING, PTFE, .125 NOMINAL ID, .020 WALL, NATURAL COLOR	MP008043
5 ft.	10 ft.	20 ft.	TUBING, SILASTIC LAB, 0.125"ID x 0.250"OD	MP008047
5 ft.	10 ft.	20 ft.	TUBING, FEP TEFLON, 3/16"OD, 1/8"ID	MP008064
15 ft.	15 ft.	30 ft.	TUBING, POLYURETHANE, 8MM OD, BLUE	MP008065
15 ft.	15 ft.	30 ft.	TUBING, POLYURETHANE, 4MM OD, BLUE	MP008107
3 ft.	6 ft.	10 ft.	TUBING, PTFE, .125 NOMINAL ID, .163 WALL. .250 OUTSIDE	MP008111
1	2	2	GASKET RETAINER	MP011117
1	1	1	CAMERA WINDOW	MP016140
1	1	1	WINDOW, TRAFFIC CONTROL LIGHT	MP055421
1	1	1	THERMAL INTERFACE HEATER GASKET	MP016228
1	1	1	ES4 PNEUMATICS PANEL	MP016265
1	1	1	USB CAMERA	K0001309
1	1	1	FRU-KIT, RETROFIT, ACTUATOR SWITCH, ES4	K1000019
1	1	1	KEYBOARD ASSEMBLY USB	PA005224
1	1	1	TENSABARRIER LANE CLOSURE	PB006
1	1	1	LATCH FOR TENSABARRIER	PB007
1	2	3	COMPRESSOR OUTPUT FITTING	PC029
2	2	2	ACCESS KEY	MP055209
1	2	3	INVERTER CARD FOR K0001200 AIR PUMP	PI003
1	1	1	COMPRESSOR PRESSURE SWITCH	PS008
1	1	1	COMPRESSOR NON RETURN VALVE	PV015
1	1	1	COMPRESSOR SOLENOID VALVE	PV017
1	1	1	COMPRESSOR AUTODRAIN VALVE WITH TIMER	PV018
1	1	1	COMPRESSOR SAFETY VALVE	PV022



Recommended Consumable and Maintenance Spares for Morpho Detection Entry Scan

1 to 3	4 to 7	8 to 11	Description	Part Number
			FILTER KIT (COMPRESSOR)**SEE NOTE 4	K0001016
			CALIBRANT SPRAY BOTTLE /E-MODE **SEE NOTE 1	M0001396
			VERIFICATION SAMPLE E-MODE **SEE NOTE 1	M0001397
20	40	60	FILTER. SAMPLE AND PURGE, 5 Micron, 10-32 FEM	MP003224
			INLET FILTER (COMPRESSOR) **SEE NOTE 5	MP003240
12	24	36	FILTER BAG for Air Pump	MP003806
12	24	36	Filter Bag for Air Pump, Large (lasts 3 to 4 times longer)	MP003808
			EXPLOSIVE DOPANT **SEE NOTE 2	MP005810
2	4	6	NOZZLE O-RING	MP011021
6	12	18	DOPANT O-RING, SILICONE	MP011060
2	4	6	LUBRICANT, AUTUATOR ES4	MP035114
			POSITIVE DOPANT AMMONIA CRYSTAL **SEE NOTE 3	MP035087
1	1	1	CONDENSATE DRAIN BOTTLE FOR COMPRESSOR	MP055419
5	10	15	WOODEN PROBE	MP055226
10	20	30	COTTON GLOVES	MP075000
10	20	30	SATURATED WIPES	MP075001
10	20	30	SATURATED SWABS	MP075002
10	20	30	CANNED AIR	MP075003
2	4	4	BRUSH, APPLICATOR, 6"LG, 1/2"BRASS TUBE	MP075027
10	20	20	MEMBRANE KIT	PA005007
15	20	25	THERMAL PRINTER PAPER	PA005060
			KIT, PRECONCENTRATOR **SEE NOTE 4	PA005227
RECOMMENDED TOOLS FOR ES4 MAINTENANCE				
1	2	3	5/32" AIR LINE PLUG	PF080
1	2	3	5/16" AIR LINE PLUG	PF081
1	2	3	1/4" AIR LINE PLUG	PF082
1	2	3	FLOWMETER FOR TROUBLESHOOTING	PM011
1	1	1	MAINTENANCE LIGHT KIT ** 1 per Entry Scan	PK021
1	1	1	ANEMOMETER WITH TEST FIXTURE	M1000002

- Note 1: The Calibrant/Verification Spray Bottle will produce > 200 calibrations. The shelf life of both Calibration and Verification sprays is indicated by the best used date on the bottle.
- Note 2: Explosives Dopant last approximately 6 months. Order 1 per Entry Scan and keep in a freezer until required. Shelf Life 8 years in freezer.
- Note 3: Positive Dopant (used for detecting peroxides based explosives) last approximately 5 months. Order 1 per Entry Scan and keep in a freezer until required. Shelf Life 7 years in freezer
- Note 4: Order 4 per Entry Scan
- Note 5: Order 2 per Entry Scan

**All Prices are Subject to Change, call for availability and current prices.
Updated 6-9-15 KW**