

SPECTRUMSMT.COM
info@spectrumsmt.com



Call USA: +1 (855) 261 1805
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US • UK • EU

SMT MACHINE SPARES

Assembleon SMT Machine Spares

YV180-Sapphire

Part numbers and descriptions

Working with our partners worldwide we have access to a large inventory of original machine spares for both current and older machines. In many cases we have stock of obsolete parts for machines no longer supported by the manufacturer. For your convenience we have listed, in an easy to read format, the spares offered by the manufacturers. We also repair and exchange many spares parts.

If you cannot locate what you need from your main dealer or you are interested in making some savings then please feel free to contact us for a quote and availability.

YOUR PERFECT SMT PARTNER

Assembleon SMT Machine Spares - YV180 Sapphire

PCB, Connection Board 3rd generation KV7-M4550-00X
5322 216 04312
Please Referr to SI CSM 534

ADJUSTING TOOL 1 PC
5322 395 90599

AIR FILTER SAPPHIRE
9965 000 07928
Element for main Mist Filter assembly
F600 5322 480 20139

AMPLIFIER ORION HEAD
5322 218 10798
see SI-CSM-475

BALL SCREW, COMET T-AXIS
5322 528 20777

BALL SCREW, COMET Z-AXIS
5322 528 20771

BALL, STEEL
5322 492 70149

BallScrew, R-Axis
5322 535 80888

BallScrew, Y-Axis Sapphire
5322 528 20768

BASE FOR EJECTOR
5322 464 10377
Supports all inner Head Vacuum valves. see SI-GEM-449 SI-GEM-500

BEAM SPLINE ASSY
5322 381 11873

BEARING ASSY
5322 520 40305
Common on X and Y ball screws

BEARING COMET/ORION ZMOT
5322 520 30554

BEARING MR604ZZ
5322 520 40304

BEARING, BALL BEARING 30
5322 520 20535

Bearing, Ball Screw End Support
5322 520 40303

BEARING, BSR 15 30 SL
5322 520 40286
Edge Clamp PCB Clamp bearing

BEARING, COMET T-AXIS
5322 520 30557

BEARING, PCB TRANSPORT S
5322 520 30556
Multi use bearing common on conveyor drive rods and W-Axis lead screws

BELT-1 CONVEYOR (L)
5322 358 20452

Belt-2 Conveyor, M-Type
5322 358 10216

BELT, 2 CONVEYOR: HAM
5322 358 10196

BELT, ENT. CON. WIDTH AD
5322 358 10141

BELT, X/T AXIS
5322 358 10137

BELT, X/T AXIS MOTOR
5322 358 10136

BOARD, CE, HHK
5322 216 04003
Includes push button switches

BOARD, CE, I/O CONVEYOR
5322 216 04002

BOARD, DRIVER ASSY
5322 216 04309

BOARD, GLASS PCB (TOOL)
5322 395 10814
Replacement PCB for Calibration Plate PA 1912-00

BOARD, HEAD O/I
5322 216 04469
Sapphire

BOARD, LED 1 ASSY
5322 216 04344

BOARD, LED 2 ASSY
5322 216 04345

BOARD, PCB SERVO CHECKER
5322 216 04434

BRACKET SUB STOPPER
9965 000 05443

Bracket,
9965 000 17096
Refer to SI-CSM-585

BRACKET, SENSOR HEAD
5322 310 11243
Bracket required when upgrading to new Head Down Sensor see SI-CSM-475

BRacket, T Axis PCB Movement
5322 405 91618
Pushes PCB through fixed conveyors

CABLE DUCT METAL
9965 000 07289

CABLE X DUCT
9965 000 02260

Cable, Smema 3.5m
9469 390 02790
EWW-SMEMA-3.5

CAMERA, MULTI ASSY
5322 693 11198

CD PINION 1
5322 522 33395

CD PINION 2
5322 522 33396

CE: CABLE HARNESS HHK
5322 320 11133
HHK KeyBoard cable to machine

CE: CASE LOWER HHK
5322 441 11608
Outer case for HHK Back

Assembleon SMT Machine Spares - YV180 Sapphire

CE: CASE UPPER HHK
5322 441 11607
Outer casing for HHK face

CE: DEAD MAN SWITCH
5322 276 13669
Safety Switch HHK

CE: HAND HELD KEYBOARD
5322 218 10607
Complete replacement HHK Assembly

CE: SENSOR, 1-1 NOZZLE
5322 130 10061

CE: SENSOR, 1-2 Y-AXIS
5322 130 10088

CE: SENSOR, 1-2 Z-AXIS
5322 130 10077
Detects a Pallet on the Elevator

CE: SENSOR, 1-5 PUSH-UP
5322 130 10072

CE: SHEET HHK
5322 466 10714
touch Pad for HHK Controls

CLAMP
5322 405 91785

COMPONENT, GLASS QFP2 -
5322 395 10812
No Sticker

CONNECTION BOARD ASSY
5322 216 04675

COUPLING
5322 528 20765

COUPLING Y-AXIS COMET 2
5322 526 10646

COUPLING, COMET LOC PIN
5322 360 40512

COUPLING, COMET PUSH-
UPCYLIND
5322 360 40509

COUPLING, STEEL
5322 526 40882

COUPLING, X-AXIS
5322 528 11221

COVER
5322 278 10131
Emergency Switch on HHK

CPU, SYSTEM UNIT ASSY
5322 216 04308
Systems before 2000 with hard drive

CUBIC BEAM SPLITTER
5322 693 11304

Custom Type 57
4035 117 00005

CYL. EDGE CLAMP,COMET
5322 360 40335

CYLINDER LZA98WY
5322 360 10288
Complete piston assembly (including
seals and O-rings)

CYLINDER T-AXIS COMET 2
5322 360 10179

Cylinder, Board CLAMP
5322 360 10196

CYLINDER, COMET T-AXIS+SENSOR
5322 360 10181

Cylinder, Main-Stopper Sapphire
5322 360 40536

CYLINDER, PUSH IN, AFTER
5322 360 40537

Cylinder, SUB Stopper Sapphire
5322 360 40506

CYLINDER,COVER LOCK
5322 360 40468
Holds Cover closed when Servo is
Active

D. POWER ASSY
5322 218 11668
Power Supply for Servo System

DUST BOX PLASTIC
5322 600 70733

EDGE CLAMP UNIT, COMET
5322 693 91654

EJECTOR ASSY
9965 000 03804

EJECTOR C, ASSY
5322 693 11401
Ejector Assembly see SI-449

EJECTOR L, ASSY
5322 693 11402

EJECTOR R, ASSY
5322 693 11403
Ejector Assembly see SI-449

ELBOW JOINT BM/12
5322 395 90955

EXTENSION TYPE H FOR THK
9965 000 02775
120mm angled extension tube

EXTENSION TYPE P FOR THK
9965 000 02766
Pointed tip for external application

EXTENSION TYPE U FOR THK
9965 000 02768
120mm straight extension tube

FAN MOTOR ASSY
5322 361 10794

FDD 3.5 INCH 1.44MB
5322 693 91639

FEEDER BAR LABEL SET
5322 459 11176
Label with numbers 1 to 50

FIDUCIAL LIGHT ASSY
5322 218 11709
White

Assembleon SMT Machine Spares - YV180 Sapphire

FILTER CAP, PLASTIC
5322 462 11024
for Ejector Filter

FILTER, F600-04-A
5322 480 20139
Main Inlet AIR Filter Unit

FILTER, METAL CAP
5322 462 11025

FILTER, MF600-04-A
5322 480 20141
Main Inlet MIST Filter unit

FLASH DISK 40MB
5322 693 11447
For 3rd generation System Board

Flashdisk
5322 711 00065

GAS Spring, Main Cover Support
Sapphire
5322 529 10348

GLASS ADJUSTMENT KIT
5322 395 10825
PA 1912-00 for GEM

GLASS QFP-2S
5322 395 10824
With Sticker

Grease, Krytox GPL225
4035 114 01320
Moving orings and seals

GUAGE, PRESSURE
5322 349 20152

Guide Bearing, Main Stopper
5322 535 93522

GUIDE X-AXIS COMET 2
5322 463 11033

GUIDE Z AXIS
5322 463 11134

GUIDE, COMET LOCATE PIN
5322 535 93426

GUIDE, COMET T-AXIS 1.4M
5322 520 20778

GUIDE, COMET T-AXIS OVERTRAVE
5322 520 20782

GUIDE, COMET T-AXIS UP/DOWN
5322 520 20779

GUIDE, LINEAR Y AXIS
5322 458 10411

Guide, Push-IN
5322 535 93524

HANDLE
5322 498 50334

HARNESS [WM/FDB
5322 320 11994
Harness between Servo and Driver
PCB

HARNESS 1-15
5322 321 62167
J43

HARNESS 12-5
5322 321 62818
J508

HARNESS, 17-1 SMEMA
5322 320 11928

HARNESS, 2-12 OT-HEAD
5322 320 11378

HARNESS, 4-4 I/O
5322 320 11384

HARNESS, 5-7 PI-W36/137
5322 320 11381

HARNESS, 6-5 MO-R,Z
5322 320 11383
J146

HARNESS, 8-10 DI-T AXIS
5322 320 11387

HARNESS, 8-8 DI-CONVEYOR
5322 320 11385

HARNESS, 8-9 DI-CONVEYOR
5322 320 11386

HARNESS, ORION CAMERA 1
5322 320 11388
J503

Harness, R Z Encoder Sapphire
5322 320 11379
J134,J135

HARNESS, SMEMA -
5322 320 11927

HARNESS, SMEMA -
5322 320 11926

HD MAINTENCE KIT
5322 901 10003

HDD 40MB
5322 693 91645
For 2nd generation System Board

HINGE, ASSY
5322 417 11247

HOLDER
5322 256 92109

HOLDER L
9965 000 02121

HOLDER LEFT
5322 693 91652

HOLDER RIGHT
5322 693 91653

JOINT
5322 395 90939

JOINT
5322 395 90723

JOINT (SET OF 10)
5322 532 30467

JOINT 1 PC
5322 395 90604

Assembleon SMT Machine Spares - YV180 Sapphire

JOINT SL12-03 5322 395 90943	LED DRIVER 1, ASSY 5322 216 04315	MONITOR VGA ACER 5322 693 11197 Philips VGA monitor
JOINT TL8-01 5322 395 90944	LENS FT436 (B=0.95) 5322 381 20186	MOTHERBOARD PCB 5322 216 04306 Sapphire MCX Contoller only
JOINT Y 6MM 5322 526 41008	LENS MULTI CAMERA 5322 381 11792 Line array Camera	MOTOR ASSY 6 5322 361 10874 Includes Gear Reduction assembly
JOINT, COMET INPUT AIR 5322 395 90938	Lever, Main Stopper Sapphire 5322 402 10719	MOTOR X-AXIS 5322 361 10823
JOINT, SL 10-03 5322 395 90942	LOCATE PIN 5322 535 93523 Refer to SI-CSM-509	MOTOR Z1 60W 5322 361 10871
Joint, TSH4-01 5322 526 41076	LOCATE PIN 9965 000 02259	MUFFLER KM-41 5322 693 91717
JOINT, UB10 5322 395 90949	LOCK NUT 5322 505 11268	MULTEMP LRL NO.3 5322 390 20159 Used on most ballscrews
JOINT, US10 5322 395 90952	M 3 X 6SKT*STBLK 4822 502 11139	NOZZLE 51-SP 9965 000 07827 Type 51 special Increases Vacuum range
JOINT, UY10 5322 395 90954	MAGNET, CATCH 9965 000 15384	NOZZLE GREASE GUN 9965 000 05410
JOY-STICK 5322 693 91635 HHK	MAIN STOPPER 5322 462 50504	NOZZLE TYPE 2 FOR COMET/ 5322 479 60083 PA 2962-82
Key, Schmersal Safety switch 5322 466 82727	MECH. UNIT, PLACEMENT EQ 9965 000 09223	NOZZLE TYPE 4 FOR COMET/ 5322 360 10289 PA 2962-84
KEYBOARD, VIOS AT 5322 276 80442 This item has been replaced by 9965 000 15823	MGG 8358-76 (1 PC) 5322 134 80107 Light Tower Bulbs	Nozzle, Type 51 5322 360 10335 PA 2962-81
KYBRD CNVRS KIT OR/TO/EM 9965 000 15823	Mirror, Single View Camera Coaxial Lighting 5322 380 10285	Nozzle, Type 53 5322 479 60084 PA 2962-83
KYBRD CONV KIT COMET/SAP 9965 000 15824	MIST FILTER SAPPHIRE 9965 000 07927 Mist Filter element for main air inlet MF600 5322 480 20141	Nozzle, Type 55 5322 360 10291 PA 2962-85
LEAF SPRING 5322 492 11414 Holds 2mm Ball for nozzle positioning	MODULE ADAPTER, COMET 5322 693 91658	
LED BOARD ASSY 5322 216 04087		

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Nozzle: 52 9498 386 00695	PULLEY, COMET CONV. WIDT 5322 528 50359	SENSOR HEAD ASSY DOWN 9965 000 01332 Head down safety Sensor
O RING 5322 530 10441 Common use in Head Valve blocks and other pneumatic assemblies	PULLEY, COMET FIXED CONV 5322 528 70832	SENSOR HEAD SH-21 SUNX 5322 132 00038 OBSOLETE: This item was replaced by 9965 000 01332 see SI-CSM-475 for additional parts required
O RING 5322 530 10442 Common use in Head Valve blocks and other pneumatic assemblies	PULLEY, COMET II T-AXIS 5322 528 50355 Multi use pully. Common on H-Axis drive belt and W axis	SENSOR RECEIVER 5322 132 00071
O-RING 5322 530 10439 Common use in Vacuum blocks and pneumatic assemblies	PUSH-UP PIN ASSEMBLY 5322 535 71362	SENSOR, 1-4 COMET 2 5322 132 00025
O-RING 5322 530 10443 O-ring head cylinder assembly Sapphire	R-MOTOR ASSY 5322 361 21664	SENSOR, CE,FLV REC. REAR 5322 130 10075 Receiver for feeder-floating System
O-RING TYPE4 (5 PCS) 5322 530 51359	REGULATOR, R600-03 5322 693 91649	SENSOR, FLV TRANSMITTER 5322 693 91656 Transmitter for feeder-floating System
O-Rng PLAST CAP (1 PC) 5322 530 10474	RELAY, PNOZ/3/24V 5322 277 11291	SENSOR, HEAD 2,4,6,8 5322 132 00044 Used to detect when a spline has reached the full extended position (Head down) for even numbered heads
PACKING O-RING 5322 530 51347 Chevron seal common in Head Up Down Block Pneumatic connections	RING, 3-4X 11X 2POMBK 5322 466 83044	SENSOR, ORION SPLINE UP/ 5322 132 00036 Used to detect when a spline has reached the full extended position (Head down) for odd numbered heads
Pin, DUMP-BOX 5322 535 93542	RING, 4-5X 11X 2POMBK 5322 466 83045	SENSOR, PCB DETECT 5322 130 10091 2 Part Sensor Receiver Assembly. Takex Transmitter: UM-TL50s Receiver: UM-TR50DSP
PIN, POSITIONING 5322 535 10467	RING, 8 X1 NBR-A50 5322 530 51297	Sensor, PCB Position 5322 132 00088 In series with glass fiber
PM Kit - Full, Sapphire 9466 076 00015	SCREW, BALL X-AXIS 5322 535 10466	SERVO BOARD ASSY 9965 000 09080 Replaces 5322 216 04694
PM kit - light, Sapphire 9466 076 00024	SCREW, M 4X12SKT*STBLK 4822 502 10069	SET OF 10 JOINTS SL6-01 5322 526 40896
POWER SUPPLY EWS300-24 5322 218 11669	SCREW, M2X2 5322 502 14442	
PULLEY-1 5322 528 50358	SCREW, SPECIALPINAS 5322 502 80083	
PULLEY, COMET CONV. BELT 5322 528 50356	SEAL 2 5322 532 12846	
	SEAL 3 5322 532 12847 Seal 3 for head cylinder assembly Sapphire	

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SET OF 10 JOINTS US4 5322 395 90953	STAND FOR GLASS QFP 5322 256 10459 Metal holder for glass QFP	Alternate Part Number: 5322 216 04673 Obsolete
SET OF 10 PCS AIRCPL. M3 5322 528 11254	SWITCH POWER DC5 TDK 5322 276 13863 MCX computer Power Supply	VALVE 9965 000 03806 Systems after 99-01
SHAFT, COMET PUSH UP PINASSY 5322 535 71346	SWITCH PUSH BUTTON 5322 276 13473 Servo Activate switch on HHK	VALVE A040-4E1 5322 281 20198
SI-472 kit 0000 000 00472	SYSTEMBOARD PCB 9965 000 15030	VALVE FEEDER-PLATE 5322 360 10327
SOLENOID VALVE SINGLE 5322 360 10207 Single Valve Head up-down speed	Tape, Black double side 4035 114 01357 Tape, Black double side	VALVE UP/DOWN SELECT 5322 360 10208 Single Valve Head up-down
SPEED CONTROLLER UNIT 1 5322 218 10671 Panasonic Speed Controller	Tape, Double Sided CLC Reflective Foil 5322 466 11514 For Glass Plate Calibration	VALVE, AIR CUTCUT 5322 360 10178
SPLINE 1 5322 693 91638	THK EXTENSION TYPE N FOR 9965 000 02738 For 5mm Fittings	VALVES,COMET ASSY OF 6 5322 281 20189
SPLINE UNIT 5322 693 11366	TOOL, BRUSH - SPECIAL 5322 395 10714	VISION MONITOR 9965 000 08815 SI-CSM-549R1
Spline, Shaft and Nozzle holder 5322 693 11302	TOOL, FEEDER PLATE 5322 395 91032	WASHER 5322 532 12794
SPRING, BOARD CLAMP 5322 492 11177	TOOL, QFP TRAY 5322 395 91033 Small tray for QFP	WASHER 1 THURUST 5322 532 12796
SPRING, BUFFING 5322 492 11415	TOOL, ROCKET - SPECIAL 5322 395 10713	WING NUT, Push-up Pin 5322 505 11162 For adjustable push up pins
SPRING, LOCATE PIN AFTER34516 5322 492 71648	TOOL, STOPPER/PUSHER 5322 395 10712	XC-75 CCD CAMERA 5322 693 23149
Spring, Spline Shaft Return 5322 492 11416	TRANSFORMER 1 ASSY 5322 146 10793	
Spring, Split Gear Sapphire 5322 492 42682	TUBE HEAD CYLINDER 5322 530 10444	
SPRING, T AXIS MAIN 5322 492 33414	VAC SENSOR BOARD ASSY 5322 216 04084	
SPRING, T AXIS NAIL 5322 492 33415		