

# GPPI

## Spare Parts



### Consumable Parts Listing

Tag Number	Part Description	Quantity	Order Code
---	Hydrogen Peroxide 30% bottle, Merck 30% Hydrogen Peroxide, 1.11kg/L	---	1240022
---	Chemical Indicator (CI) 3M Comply 1248 Gas Plasma Chemical Indicator Strip	---	1240036
---	Biological Indicator Bags (BI) Geobacillus stearothermophilus, stainless steel discs 8 mm x 12 mm x 0.4 mm	---	1240037
PRT01	Thermal printer paper 58 mm x 48 mm OD RS Stock: 7594975	1	1281909
EA01	T5, 5000k, 32" Lamp, Fluorescent, 21 W	4	1080215

### Accessories and Spare Parts Listing

Tag Number	Part Description	Specification	Order Code
---	Process chamber exhaust ULPA filter -gel sealed	Maxilar MX GSL-602*390-22; Size (W x H x D) 602 x 390 x 90 mm. Filter class: U15 Panel Liquid Seal Frame material: Plastic Faceguard: Inlet and outlet (GI RAL 9016); No Gasket	1100367
---	Process chamber room inlet pre-filter	Ecopleat Green 3GPPS-500*130*48-F6; Size (W x D x H) : 500 x 130 x 48; Filter class: F6; Frame Material: Plastic; Faceguard: Inlet and Outlet (GI RAL 9016); No Gasket	1284016
---	Process chamber exhaust inlet pre-filter	Ecopleat Green 3GPPS-500*130*48-F6; Size (W x D x H) : 500 x 130 x 48; Filter class: F6; Frame Material: Plastic; Faceguard: Inlet and Outlet (GI RAL 9016); No Gasket	1284016
---	Pass chamber inlet and exhaust ULPA filter - gel sealed	Filter Maxilar MXAL - 458*400-00/22, Size (W x D x H) : 458 x 400 x 90 mm	1100368
---	Gasket Filter	Megalar MGG-305*457-11/22	1289201
---	Silencer/Exhaust filter for vacuum pump	Festo, Silencer U-1/4; Part number: 2316	Request from Esco

## Accessories and Spare Parts Listing

Tag Number	Part Description	Specification	Order Code
---	Process and instrument tubing	Polyethylene PLN 6 mm, black Part number: 195281	1289035
---	Compressed-air tubing	Polyethylene PUN 6 mm, blue	1281301
---	VHP connection hose	PVC Net Hose, 1"	1289165
---	Air sampling tubing	PVC tube, transparent, 1/4"	1150261
QS1	Isolator Switch	LB - 240 Non-fusible disconnect switch; 3 poles; 32 A, DIN-Rail mounting	1080927
MCB1	Circuit Breaker	Miniature Circuit Breaker, DTRIP, 2 Pole, 16 A	1281936
CB1	Circuit Breaker	Miniature Circuit Breaker, DTRIP, 2 Pole, 16 A	1281936
K1	Contactor	1SBL241001R8010 Contactor, 11 KW, 26 A	1281507
PDT11 - 2&3 PDT12-2-4	Pressure Transmitter	CX8F0142500PA DIFFERENTIAL TRANSMITTER, 0-500 Pa	1282066
PDT11 - 1 PDT12 - 1	Pressure Transmitter	CX8 F01 42 500PAL DIFFERENTIAL TRANSMITTER, +/- 500 Pa	1282141
PSU1	Power Supply	SDR 480 - 20 Power Supply Unit, 100 - 240 VAC/ 24 VDC, 20 A	1281706
KF1 - KF12	Relay with socket	MY2N with PYF08A - E 24 VDC relay with socket, 10 A	1281916 1080892
KA1	Safety relay	P/N: 2904951 Relay, Safety, Emergency Stop, 24 VDC	1289337
PLC01	CPU	6ES7214 - 1 HG40 - 0XB0 Simatic S7-1200, CPU 1214C/DC/DC/RLY	1281535
HMI01	HMI	6AV2124 - 0GC01 - 0AX0 Simatic HMI TP700	1281033
ESW1	Ethernet Switch	6GK5005 - 0BA00 - 1AB2 XB005 Ethernet Switch/ Network Switch	1281459
M2, M3, M5	AI IO Module	BL20 - 4AI - U/I BL20 Electronic Module, 4 analogue inputs	1289215
PN01 - M1	Gateway coupler	BL20-E-GW-EN MULTIPROTOCOL INTERFACE FOR ETHERNET	1289214
---	DO IO Module	BL20-4DO-24VDC- BL20 ELECTRONIC MODULE 4 DIGI- TAL OUTPUTS 0.5A-P	1289219
---	DO IO Module	BL20-4DI-24VDC-P BL20 4 DIGITAL INPUT	1289227
QM03, QM15, QM19	SOLENOID VALVE	VZWD-LM22-M-G18-10-V-1P4-50 2/2 WAY, NO, G1/8, 24VDC	1281311
QM04, QM05, QM16, QM17	SOLENOID VALVE	MHE2-MS1H-3/20-M7 INFLATABLE SEAL SOLENOID VALVE P/N:196151	1285003
QM06, QM07, QM9, QM10, QM08B, PV2102	SOLENOID VALVE	3/2 Way, Solenoid valve, 24 VDC, UNIVERSAL, EPDM, 24VDC, 1/8 NPT SV736-G-F16-C-2-A-V3	1281377
QM08A	SOLENOID VALVE	VZWD-L-M22C-M-G14-40-V SOLENOID VALVE, 24VDC -1P	1289129
ATL11	H2O2 Sensor	8317637, 8317990, 6809675 POLYTRON 7000, WITH PUMP, DOCKING STATION, LOW LEVEL H2O2 SENSOR	1281636, 1281637, 1281638
MA03	Particle Counter Pump	VP0940-V1036-P1-1411CE 230 VAC VACUUM PUMP	1281792
AT31	Non Viable	AEROTRAK-7510-A2F NON VIABLE PARTICLE COUNT- ER, MOUNTING BRACKET 0.5/0.7/1/5.0µ, 1.0 cfm	1282120 1288152
MT11/TT11, ME11/TE11	TEMPERATURE/HUMIDITY TRANSMITTER	HMT120KB0A1B12A1A0Z, HMT120 , 0 to 100%; Temp: -40C to +60C	1281851

## Accessories and Spare Parts Listing

Tag Number	Part Description	Specification	Order Code
BG01, BG02, BG03	Door Sensor	NCB2-12GM40-Z0 Proximity Switch 2mm Operating Distance	1051178
QM1, QM2, QM13, QM14	Door Magnet Lock	120 SM Electromagnetic lock 100 Lbs 2 Wire, 12-24VDC	1080157
XV2101	Motorized Valve	JYL-05F/10S/DC24V/F03-05/14/MN 24VDC, 2A, 50Nm, 10S	128XXXX
MA1-01-03, MA2-01-03	Centrifugal Fan	R3G250-RE07-07 CENTRIFUGAL FAN with piezometer ring Bolted to isolator	1289206
ZT11-3/ZC11-3	Exhaust Damper	VCE-A-B2-C2-D-R/300x100/NMQU24-S Volume Control Damper, 300x100mmR	1281565
---	AO IO Module	BL20-2AO-U BL20 ELECTRONIC MODULE 2 ANALOG OUTPUTS, (-0/0...+10VDC)	1289217
PJ01	Buzzer	BM-202 BUZZER/ALARM, 24VDC	1281519
ZT11-1/ZC11-1, ZT11-2/ZC11-2, ZT12-1/ZC12-1, ZT12-2/ZC12-2	Damper Actuator	CMU24-SR Volume Control Damper, Belimo	1281929
-BG21	Level Sensor	CFDK 25G1125/LN3 Capacitive proximity sensor, 24vdc, LED indication RS:7685718	1289385
-FY2101	Diaphragm Pump	FMM 80 KPDC-P 24 V; P/N: 163786/ 163026 SOLENOID DRIVEN METERING pump, 24VDC, 1A, IP54, Pmax- 1 bar	1281960
PS2101,PT2105, FT2104, PV2101	Air service unit	P/N: 11917128; Project No: SG_CS.3058922-00-000-A Pre-assembled, MS4 Series for Biovap compressed air line	1282176
QM18	Solenoid Valve	MHE2-MS1H-3/2G-M7 3/ 2 WAY CLOSED, FAST SWITCHING SOLENOID VALVE, 24VDC 100L/MIN FLOWRATE	1281235
PRT01	Thermal Printer/ DC/DC Converter, USB Cable	GPT-4352-60LV-87-24-USB-AT-LC; A/N: 12790 GNC-6.5-3A-(10-36) VDC-MONTIER; A/N: 12618 GKA-570-2-2000; A/N: 12872	1281824 1281825 1281826