

Name of the High end Equipment - GCMSMS			
Name of the Supplier - Thermo Fisher Scientific India Pvt. Ltd.			
TSQ 8000 Duo OR TSQ 8000 Duo with Helium Saver Module OR TSQ 9000 MTNOVPI with Helium Saver Module OR TSQ 9000 VPICI			
Part No.	Description	Qty	Remarks, if Any
14800402	TRACE 1310 Mainframe MS 230V	1	
19070021	Instant Connect Programmable Temperature Vaporizing (PTV) with backflush (BF)Injector module	1	
1R77010-0300	Standard Rail TriPlus RSH Base Configuration for Liquid and Headspace	1	
1R77010-1005	Mounting brackets for TRACE 1300 Series GC (includes SSL/PTV	1	
1R77010-1019	Automatic Tool Change Station for the storage and automatic changing	1	
1R77010-1009	Liquid syringe tool for 57 mm syringe needle (250, 500, 1000 uL syringe	1	
36512351	250 uL Fixed Needle Gas-Tight Syringe 23 Gauge 57 mm Length	1	
26099-1420	TG-1MS GC Column 30m x 0.25mm x 0.25µm	1	
26098-1420	TG-5MS GC Column 30m x 0.25mm x 0.25µm	1	
26091-1420	TG-1301 MS GC Column 30m x 0.25mm x 0.25µm	1	
TSQ Duo MSMS			
TSQ Duo	TSQ Duo Triple Quadrupole Mass Spectrometer	1	
1R120504-0001	TSQ Series CI Kit	1	
SPL	Noise reduction cover for fore line pump	1	
1R120383-2014	NIST 14 MS Library	1	
OPTON-30640	Tracefinder 4.1 GC-MS EFS	1	
19050790	Pesticide Analyser Kit contains Pesticide Analyser Guide, CD, Compound data base for more than 1000 compounds, TG5 Sil MS Column and Siltek liner	1	
OPTON-08600-A4	Qualification Binder and CD	1	
19050720	TRACE 1300/1310 Start-up Kit - includes tee unions, copper tube, tube cutter, brass nuts and ferrules	1	
Accessories and consumables			
365D0291	10 uL Fixed Needle Syringe 26s Gauge 57 mm Length. For PTV and SSL, all injection modes	5	
365Q2131	2.5 mL Gas-Tight Headspace Syringe 23 gauge 65 mm length	5	
523365K3051	1 ml FN GT Syringe 50MM LGTH, 22AUGE BEVEL 1/PK-Air tight syringe (for manual injection)	2	
365D1091	10µl SYR FN 50mm M Gauge 26, Bevel Tip	2	
60180-599	2 ml Screw Top Vial with 9 mm Cap. Blue Silicone/Clear PTFE Seal (set of 100)	5	

C4013-1	CLR SCREW THREAD VIAL S12x32MM, 100/PK, usable volume 1.5ml	1	
60180-504	10 mL crimp top vial, clear (set of 125)	1	
60180-506	20 mL crimp top, clear (set of 125)	1	
60180-520	20 mm tin plate (magnetic) and blue aluminum two-part crimp cap with silicone/PTFE liner (set of 100) for 10 ml & 20 ml vial	1	
C-4020-100	MANUAL 20mm CRIMPER	1	
C-4020-101	DECAPPING PLIERS FOR 20MM SEALS	1	
1R77010-1068	Set of six adapters for the Agitator. These adapters are needed to place 10ml vials inside the agitator	1	
290VA191	Column Ferrules-injector end and interface end - Graphite/Vespel Ferrule 0.1-0.25mm ID Pk 10	4	
313G3230	TR-Green 11mm, pk50 TRACE	2	
35053221	Appropriate nuts to fit capillary columns to the injector and MS Interface - Column nut, pk5 for PTV + PTV Backflush	4	
45352054	Split GC Injectgion Port Liners, 1 x2.75 x120 PTV 5/pk or equivalent	2	
45352083	Splitless Thermo, 0.75mmID, 105mm, Pk 5 or equivalent	2	
453T2120	PTV Injector Splitless - Deactivated Baffle Liner 2mm x 2.75mm ID X 120mm Pk/5	2	
29001318	Liner Sealing Ring, pk1 for PTV or equivalent	20	
28113197	Split vent trap - Split Line Filter	2	
1R120404-1940	Dual Filament for I Series, TSQ 8000 and Duo for EI & CI	5	
60201-318	Ceramic capillary column cutter for fused silica	2	
60180-784	Thermo Scientific GC Tool Kit	1	
1R76505-0036	Oil mist trap for pump - Oil Mist Filter with NW25 adapter, for roughing oil for pump	2	
Consumables for Seven years operation of the system for main unit:			
1R120468-CONSUM	ISQ Series/TSQ 8000 Evo/TSQ Duo Consumables Kit: 1R120150-PERF - ISQ PERFORMANCE SPECIFICATIONS TEST KIT Qty1, 1R120404-1118 - ION VOLUME LOCKING PLATE ISQ Qty1, 1R120404-1130 - LENS 1 ASSY MOLDED ISQ Qty3, 1R120404-1900 - DUAL FILAMENT ASSY ISQ Qty1, 1R23827-0008 - GLOVES, CLEAN PROCESS - NITRILE - MEDIUM Qty50, 1R32000-60340 - ALUMINUM OXIDE CLEANING COMPOUND Qty1, 1R3815-320 - O-RING AS568B VITON Qty1, 1R50010-30059 - CALIBRATION COMPOUND - FC43 Qty1, 1R76256-0060 - NUT SGE 1/16"x1.2mm - Brass - pk of 5 Qty1, 1R76458-2008 - FERRULE .4mm ID 1/16 OD, GRAPHITE/VESPEL Qty15, 1R76458-2009 - FERRULE 1/16 GRAPHITE/VESPEL NO/HOLE Qty2, 1R76485-1000K - WAVE WASHER SPIRAWAVE FOR ION VOLUME (5ea) Qty1, 1R76486-0010 - TECHNICLOTH WIPERS 12" X 12" PK OF 150 Qty1, A0301-02000 - APPLICATORS COTTON TIPPED Qty4, A0301-15101 - OIL, VACUUM PUMP, 1 LITER Qty1, A0950-R1600 - REPLACEMENT TRAP, O2-H2O-HYDROCARBON Qty1	2	

1R120540-PERF	TSQ 8000 PERFORMANCE SPEC KIT	1	
33819024	TRIPLUS HS VALIDATION MIX	1	
Sample Preparation kits: QuEChERS Kits (1000 nos each) for Pesticides etc. in following matrices			
60105-335	High Water/Matrices with high Water content samples - QuEChERS Sample Prep 50 mL Centrifuge tube, 6000 mg Magnesium Sulfate, 1500mg Sodium Acetate, 50 pk	40	
60105-333	Pigmented samples, fatty samples - 4000mg Magnesium Sulfate, 1000mg Sodium Chloride, 500mg Sodium Citrate dibasic sesquihydrate, 1000mg sodium citrate tribasic, 50 pk	40	
60105-202	Pigmented samples - 2mL, Centrifuge Tubes, Anhydrous Magnesium Sulfate, Primary/Secondary Amine, Graphitized Carbon Black pk/100	10	
60105-203	Water/High Water based samples - 2 mL Cent. Tube w/150mg Anhydrous MgSO ₄ , 50mg PSA, 100pk	20	
60105-204	Fatty samples - Cleanup 150mg magnesium Sulfate, 50mg PSA, 50mg C18 Pk/100	10	
NP	HP automatic back to back colour Laser jet printer (Branded CPU & Monitor will come along with instrument)	1	
NP	UHP Grade Helium gas cylinder with requisite certificate	3	
NP	UHP Grade Argon gas cylinder with requisite certificate	3	
NP	UHP Grade Methane gas cylinder with requisite certificate	1	
NP	Double stage SS regulators	3	
NP	Gas purification Panel for three gases including gas tubing	1	
NP	10 KVA online UPS with voltage regulation, spike protection and 60 minutes back up for the supplied equipment (Make ABP)	1	
NP	Nitrogen evaporator Model EV-PLUS - 08, Low volume concentrator 50 samples, max sample volume - 10 ml	1	
NP	Fume Hood for Nitrogen Evaporator	1	

Calibration Standards: Pesticide standards (As per Annexure-A) with 1 year expiry date (Please multiply for per year required quantity:

NP	#Organo Chloro Pesticides mix in hexane/acetonitrile 2 x 1 ml (100 µg/ml of each pesticide) #Organo Phosphorous Pesticides in hexane/acetonitrile 2 x 1 ml (100 µg/ml) #Pyrethroids in hexane/acetonitrile 2 x 1 ml (100 µg/ml) #Herbicides Glyphosate, Glufosinate 2 x 1 ml (100 µg/ml) *Must cover the range of pesticides as enclosed in Annex-A	1 set	
----	---	-------	--