

# FTT iCone Plus Spare Parts List

Part Number	Part Type	Part Name	Unit Price	Notes	Instrument
4212	AV Mount	Hood anti-vibration mount	POA	2 required per hood (purple spot)	iCone Plus
442-505	AV Mount	Sample pump anti-vibration mount	POA	4 required per instrument	iCone Plus
442-583	AV Mount	Fan plate anti-vibration mount	POA	4 required per instrument	iCone Plus
A11308-213	Burner	Methane calibration burner (iCone Plus)	POA		iCone Plus
HFM Recal	Calibration	Calibration of heat fluxmeter	POA	Original to be returned to FTT	iCone Plus
ICP-SP	Ceramic	Shutter Pad - Set of 2 (L/H & R/H)	POA	Please supply a photo of your fire model to receive a quote for the relevant shutter pads	iCone Plus
A11301-315	Controller	Temperature controllerr for iCone series	POA		iCone Plus
4528	Data Acquisition	16 Channel MUX board for data logger	POA		iCone Plus
4222	DPT	Differential pressure transducer	POA		iCone Plus
FTT0421	Drying column	S/A Drying column	POA		iCone Plus
U007-4	Exhaust	Orifice Plate	POA		iCone Plus
4367	Ferrule	Back Ferrule (8 mm) (stainless steel)	POA		iCone Plus
4424	Ferrule	Front Ferrule (8 mm) (stainless steel)	POA		iCone Plus
7102	Ferrule	Ferrule Set (6 mm) (stainless steel)	POA	Front and rear ferrule	iCone Plus
4530	Filter	Membrane filter for soot analyser (PTFE) (each)	POA	per filter	iCone Plus
4641	Filter	In-line filter	POA	Filter before analyser mass flow controller	iCone Plus
4290	Filter (Primary)	58P filter element housing	POA	Includes 2 male adapters (part # 4661)	iCone Plus
U180-4	Filter (Primary)	BA100 primary filter element	POA	10% discount on orders of 100+	iCone Plus
U184-4	Filter (Secondary)	6723 HEPA vent secondary filter	POA	10% discount on orders of 100+	iCone Plus
4046	Flow control	Flashback arrestor	POA	Body only - no fittings	iCone Plus
7982	Flowmeter	Methane mass flow controller	POA		iCone Plus
8301	Flowmeter	Analysers sample gas mass flow controller	POA		iCone Plus
U003-4	Gasket	Square gasket for extraction hood ducting	POA		iCone Plus
U006-4	Gasket	Gasket for sampling ring, orifice plate and exhaust fan flange	POA	2 required for sampling ring, 2 for orifice plate, 2 for exhaust fan	iCone Plus
8836-3	Gauge	23 mm spacing gauge (cone to specimen)	POA	Use for specimen holder with edge frame	iCone Plus

Part Number	Part Type	Part Name	Unit Price	Notes	Instrument
8837-3	Gauge	25 mm spacing gauge (cone to specimen)	POA	Use for specimen holder with no edge frame	iCone Plus
8891-3	Gauge	58 mm spacing gauge (cone to specimen)	POA	Use for specimen holder with edge frame	iCone Plus
8892-3	Gauge	60 mm spacing gauge (cone to specimen)	POA	Use for specimen holder with no edge frame	iCone Plus
8993-3	Gauge	25 mm spacing gauge (cone to heat flux meter)	POA	Use to position heat flux meter at 25 mm	iCone Plus
8994-3	Gauge	60 mm spacing gauge (cone to heat flux meter)	POA	Use to position heat flux meter at 60 mm	iCone Plus
A11308-253	Heat Flux Meter	Heat flux meter assembly (iCone Plus)	POA	Angled pipes. Includes quick release water hoses	iCone Plus
A11301-235	Heater	Cone heater assembly and thermocouples	POA		iCone Plus
M002-2	Heater	Cone inner shell	POA		iCone Plus
U135	Heater	Heater element winding	POA		iCone Plus
U216	Heater	Cone winding termination kit (ring terminal, sleeve and Autostic)	POA	set of 2 (ring + pyrex sleeve + Autostic)	iCone Plus
4449	Interface	PCI GPIB Card	POA	Interface card for data logger - for PCI slot	iCone Plus
C11751-520	Interface	PCIe GPIB Card	POA	Interface card for data logger - for PCIe slot	iCone Plus
4484	Laser	Laser head OEM05P	POA	See part A13852-200	iCone Plus
A11308-267	Laser	Laser power supply LSS05 for iCone Plus	POA	Includes Molex connector on mains input	iCone Plus
A13852-200	Laser	Laser head assembly	POA	Replaces part 4484	iCone Plus
G123-4	Laser	Nylon beam alignment plug for laser smoke system	POA		iCone Plus
G200	Laser	S/A Beam splitter laser	POA	"compensating" beam splitter glass and holder	iCone Plus
G201	Laser	S/A Beam splitter detector	POA	"main" beam splitter glass and holder	iCone Plus
U142-4	Laser	Photodiode pre-amp unit	POA		iCone Plus
8531	Load cell	Load cell controller unit	POA		iCone Plus
4536	Nut	Pipe nut (8 mm) (stainless steel)	POA		iCone Plus
4260	Optical filter	ND 0.3 filter without holder	POA	25 mm diameter. See G120-3 for holder	iCone Plus
4262	Optical filter	ND 0.8 filter without holder	POA	25 mm diameter. See G120-3 for holder	iCone Plus
G120-3	Optical filter	Optical filter holder	POA		iCone Plus
G145-4	Optical filter	Blank filter holder	POA		iCone Plus

Part Number	Part Type	Part Name	Unit Price	Notes	Instrument
FTT0135	Photodiode	Main photodiode assembly	POA	Photodiode in clamp assembly with red phono plug	iCone Plus
FTT0136	Photodiode	Compensating photodiode assembly	POA	Photodiode in clamp assembly with black phono plug	iCone Plus
4613	Pump	Service kit for pump	POA	Price per head - 2 required for double-ended pump	iCone Plus
4720	Pump	Complete single-ended sample pump (230 V)	POA	Soot mass pump	iCone Plus
4725	Pump	Complete double-ended sample pump (230 V)	POA	Sample pump	iCone Plus
U148-4 (tested)	Ref. material	PMMA test sample	POA	18 mm thick	iCone Plus
6276	Relay	Surface mount relay (solid state)	POA	For cone heater assembly control	iCone Plus
FTT0013	Sample	Horizontal specimen holder assembly (tray and edge frame)	POA		iCone Plus
U139-4	Sample	U139-4 retaining grid	POA		iCone Plus
U164	Sample	Backing board	POA	For vertical specimen holder	iCone Plus
U197-4	Sample	Ceramic fibre backing pads (4 pieces)	POA	For horizontal specimen holder. 100 x 100 x 25 mm (4 per pack)	iCone Plus
U206	Sample	S/A Vertical specimen holder assembly	POA		iCone Plus
U008-3	Sampling Ring	Sampling ring for Cone Calorimeter	POA	Please specify if being used with a FTIR heated line	iCone Plus
8443	Spark	Continuous spark generator	POA		iCone Plus
A10867-200 / 804	Spark	2.5 mm spark electrode assembly (iCone)	POA	Please supply a photo of your fire model to receive a quote for the relevant spark electrode assembly	iCone Plus
A11301-270	Spark	Spark plug and HT cable set for iCone	POA	Two cables, spark plugs on one end and terminations on other end	iCone Plus
4151	Thermocouple	Cone heater thermocouple	POA	Requires ferrule (part number 4615). Heater requires three.	iCone Plus
4615	Thermocouple	1.5 mm thermocouple olive and nut	POA	Not for stack thermocouple	iCone Plus
4735	Thermocouple	1/16" front ferrule for stack thermocouple	POA	For stack thermocouple only. Order with part 4736 for full ferrule set.	iCone Plus
4736	Thermocouple	1/16" rear ferrule for stack thermocouple	POA	For stack thermocouple only. Order with part 4735 for full ferrule set.	iCone Plus
4822	Thermocouple	1.5 mm thermocouple for smoke	POA	Requires ferrule (part number 4615). Does not include plug.	iCone Plus
4822	Thermocouple	1.5 mm thermocouple for stack	POA	Requires ferrules (part number 4735 and 4736). Does not include plug.	iCone Plus
4298	Tubing	Black nylon tubing, 6 mm external diameter (per metre)	POA	per metre (Black)	iCone Plus
4614	Tubing	1/4" Nylon tubing (clear) - price/metre	POA	per metre (Clear) (for differential pressure transducer)	iCone Plus

Part Number	Part Type	Part Name	Unit Price	Notes	Instrument
4699	Tubing	Silicone tubing 5 mm ID 8 mm OD	POA	per metre	iCone Plus
6336	Tubing	White PTFE tubing, 6 mm external diameter (per metre)	POA	per metre (White). For sampling line.	iCone Plus
5606	Valve	Solenoid valve in methane line	POA	Body and coil only - no fittings	iCone Plus

