



## FTT Cone Calorimeter Spare Parts List

<i>Part Number</i>	<i>Part type</i>	<i>Part Name</i>	<i>Unit Price</i>	<i>Notes</i>	<i>Instrument</i>
4211	AV Mount	Fan plate anti-vibration mount	POA	4 required per instrument (green spot)	FTT Cone
4212	AV Mount	Hood and fire model plate anti-vibration mount	POA	2 required per hood, 4 required per fire model plate (purple spot)	FTT Cone
442-505	AV Mount	Sample pump anti-vibration mount	POA	4 required per instrument	FTT Cone
442-549	AV Mount	Cold trap anti-vibration mount	POA	4 required per instrument	FTT Cone
U217	Burner	Methane calibration burner	POA		FTT Cone
DPT Recal	Calibration	DPT calibration	POA	Original to be returned to FTT	FTT Cone
HFM Recal	Calibration	Calibration of heat fluxmeter	POA	Original to be returned to FTT	FTT Cone
MFM Recal	Calibration	Calibration of mass flow meter	POA	Original to be returned to FTT	FTT Cone
C209-4	Ceramic	Load cell cover	POA	Rectangular cover with slot	FTT Cone
U199-4	Ceramic	Shutter Pad - Set of 2 (L/H & R/H)	POA		FTT Cone
U203	Cold Trap	S/A Cold Trap Drain	POA	Includes parts G136-3, 4816, 4607, 4635	FTT Cone
FTT0156	Controller	Temperature controller for Cone Calorimeter	POA		FTT Cone
4528	Data Acquisition	16 Channel MUX board for data logger	POA		FTT Cone
4541	Data Acquisition	PCL-816 16-bit, 16 channel data acquisition board	POA		FTT Cone
4542	Data Acquisition	PCLD-789 16 channel MUX board	POA	Replacement for PCLD-779 8 channel MUX card (the PCLD-779 is now obsolete)	FTT Cone
4222	DPT	Differential pressure transducer	POA		FTT Cone
U207	Drying column	S/A Drying column	POA		FTT Cone
U007-4	Exhaust	Orifice Plate	POA		FTT Cone
4367	Ferrule	Back Ferrule (8 mm) (stainless steel)	POA		FTT Cone
4424	Ferrule	Front Ferrule (8 mm) (stainless steel)	POA		FTT Cone
4659	Ferrule	Front Ferrule (6 mm) (stainless steel)	POA		FTT Cone
4660	Ferrule	Back Ferrule (6 mm) (stainless steel)	POA		FTT Cone
4530	Filter	Membrane filter for soot analyser (PTFE) (each)	POA	per filter	FTT Cone

<i>Part Number</i>	<i>Part type</i>	<i>Part Name</i>	<i>Unit Price</i>	<i>Notes</i>	<i>Instrument</i>
4641	Filter	In-line filter	POA	Filter after oxygen and carbon dioxide flowmeter (one for each flowmeter)	FTT Cone
U208	Filter	S/A Glass pre-filter & fittings	POA		FTT Cone
4290	Filter (Primary)	58P filter element housing	POA	Includes 2 male adapters (part # 4661)	FTT Cone
U180-4	Filter (Primary)	BA100 primary filter element	POA	0.1 micron, 10% discount on orders of 100+	FTT Cone
U184-4	Filter (Secondary)	6723 HEPA vent secondary filter	POA		FTT Cone
4046	Flow control	Flashback arrestor	POA	Body only - no fittings	FTT Cone
4523	Flow control	Flostat flow stabilisation controller	POA	For Cone Calorimeters supplied before November 2000 (fitted with Servomex 1440 oxygen analyser) - instrument serial numbers up to 0101584	FTT Cone
4714	Flow control	Sample gas flow regulator	POA		FTT Cone
4450	Flowmeter	Oxygen analyser flow meter	POA		FTT Cone
4493	Flowmeter	Methane mass flow meter	POA		FTT Cone
U003-4	Gasket	Gasket for extraction hood ducting	POA		FTT Cone
U006-4	Gasket	Gasket for sampling ring & orifice plate ducting	POA	4 required for complete system (2 for sampling ring and 2 for orifice plate)	FTT Cone
U186-4	Gauge	23 mm spacing gauge (cone to sample)	POA	Use for sample holder with edge frame	FTT Cone
U187-4	Gauge	25 mm spacing gauge (cone to heat flux meter or sample)	POA	Use to position heat flux meter at correct height or sample with no edge frame	FTT Cone
FTT0012	Heat Flux Meter	S/A Heat flux meter assembly	POA		FTT Cone
M002-2	Heater	Cone inner shell	POA		FTT Cone
U135	Heater	Heater element winding	POA		FTT Cone
U149	Heater	Cone heater assembly and thermocouples	POA		FTT Cone
U216	Heater	Cone winding termination kit (ring terminal, sleeve and Autostic)	POA	set of 2 (ring + pyrex sleeve + Autostic)	FTT Cone
4449	Interface	PCI GPIB Card	POA	Interface card for data logger	FTT Cone
4484	Laser	Laser head OEM05P	POA		FTT Cone
4485	Laser	Laser power supply LSS05	POA		FTT Cone
G123-4	Laser	Nylon beam alignment plug for laser smoke system	POA		FTT Cone
G200	Laser	S/A Beam splitter laser	POA	"compensating" detector	FTT Cone
G201	Laser	S/A Beam splitter detector	POA	"main" detector	FTT Cone
U142-4	Laser	Photodiode pre-amp unit	POA		FTT Cone
4473	Load cell	Load cell controller	POA		FTT Cone

<i>Part Number</i>	<i>Part type</i>	<i>Part Name</i>	<i>Unit Price</i>	<i>Notes</i>	<i>Instrument</i>
U999	Manual	User's guide for FTT Cone Calorimeter	POA		FTT Cone
4536	Nut	Pipe nut (8 mm) (stainless steel)	POA		FTT Cone
4260	Optical filter	ND 0.3 filter without holder	POA	25 mm diameter	FTT Cone
4262	Optical filter	ND 0.8 filter without holder	POA	25 mm diameter	FTT Cone
G120-3	Optical filter	Optical filter holder	POA		FTT Cone
G145-4	Optical filter	Blank filter holder	POA		FTT Cone
FTT0135	Photodiode	Main photodiode assembly	POA	Photodiode in clamp assembly with red phono plug	FTT Cone
FTT0136	Photodiode	Compensating photodiode assembly	POA	Photodiode in clamp assembly with black phono plug	FTT Cone
591-124	PSU	+15V PSU	POA	Order with 592-947	FTT Cone
592-947	PSU	Screw terminal panel (for 15 V PSU 591-124)	POA		FTT Cone
4613	Pump	Service kit for pump	POA	2 required for double-ended pump	FTT Cone
4720	Pump	Complete single-ended sample pump (230 V)	POA	Not for FTT Dual Cone	FTT Cone
4725	Pump	Complete double-ended sample pump (230 V)	POA	For Dual Cone and all FTT Cones from November 2000	FTT Cone
U209	Refrigeration	S/A Cold Trap (Vapour Cooler)	POA		FTT Cone
346-918	Relay	Surface mount relay (solid state)	POA	For cone heater assembly control	FTT Cone
FTT0013	Sample	S/A Sample holder assembly (tray and edge frame)	POA		FTT Cone
U139-4	Sample	U139-4 retaining grid	POA		FTT Cone
U164	Sample	Backing board	POA		FTT Cone
U197	Sample	Ceramic fibre backing pads (4 pieces)	POA	100 x 100 x 25 mm (4 per pack)	FTT Cone
U206	Sample	S/A Vertical sample holder	POA		FTT Cone
U008-3	Sampling Ring	Sampling ring for Cone Calorimeter	POA		FTT Cone
4084	Spark	New spark generator	POA	Continuous spark	FTT Cone
4397	Spark	10 kV spark generator unit	POA	Intermittent spark, no detection	FTT Cone
M015-4	Spark	2.5 mm electrode assembly with Tufnol block	POA		FTT Cone
U148-4	SRM	PMMA test sample	POA	18 mm thick	FTT Cone
U215-4	Support	Dual height fluxmeter/burner holder	POA	Bracket for side of cone heater to allow heat flux meter to be positioned at 25 or 60 mm from the bottom of the heater	FTT Cone
319-433	Switch	Red DPST latching pushbutton switch	POA		FTT Cone
4151	Thermocouple	Cone heater thermocouple	POA	Requires olive (part number 4615). Heater requires three.	FTT Cone

<i>Part Number</i>	<i>Part type</i>	<i>Part Name</i>	<i>Unit Price</i>	<i>Notes</i>	<i>Instrument</i>
4615	Thermocouple	1.5 mm thermocouple olive and nut	POA	Not for stack thermocouple	FTT Cone
4735	Thermocouple	1/16" front ferrule for stack thermocouple	POA	For stack thermocouple only. Order part 4736 for full ferrule set.	FTT Cone
4736	Thermocouple	1/16" rear ferrule for stack thermocouple	POA	For stack thermocouple only. Order part 4735 for full ferrule set.	FTT Cone
4822	Thermocouple	Thermocouple for stack, smoke or cold trap	POA	Requires olive (part number 4615)	FTT Cone
4298	Tubing	Black nylon tubing, 6 mm external diameter (per metre)	POA	per metre (Black)	FTT Cone
4299	Tubing	Clear nylon tubing, 6 mm external diameter (per metre)	POA	per metre (Clear)	FTT Cone
4614	Tubing	1/4 Nylon (clear) - price/metre	POA	per metre (Clear)	FTT Cone
4699	Tubing	Silicone tubing 5 mm ID 8 mm OD	POA	per metre	FTT Cone
4592	Valve	Solenoid valve in methane line	POA		FTT Cone