

FTT Cone Calorimeter Spare Parts List

<i>Part No</i>	<i>Part type</i>	<i>Part Name</i>	<i>Notes</i>
4211	AV Mount	Fan plate anti-vibration mount	4 required per instrument (green spot)
4212	AV Mount	Hood and fire model plate anti-vibration mount	2 required per hood, 4 required per fire model plate (purple spot)
442-505	AV Mount	Sample pump anti-vibration mount	4 required per instrument
442-549	AV Mount	Cold trap anti-vibration mount	4 required per instrument
U217	Burner	Methane calibration burner	
DPT Recal	Calibration	DPT calibration	Original to be returned to FTT
HFM Recal	Calibration	Calibration of heat fluxmeter	Original to be returned to GBH
MFM Recal	Calibration	Calibration of mass flow meter	Original to be returned to GBH
C209-4	Ceramic	Load cell cover	Rectangular cover with slot
U199-4	Ceramic	Shutter Pad - Set of 2 (L/H & R/H)	
U203	Cold Trap	S/A Cold Trap Drain	Includes parts G136-3, 4816, 4607, 4635
FTT0267	Controller	TLK Temperature controller for Cone Calorimeter	
FTT0156	Controller	Eurotherm Temperature controller for Cone Calorimeter	
4528	Data Acquisition	16 Channel MUX board for data logger	
4541	Data Acquisition	PCL-816 16-bit, 16 channel data acquisition board	
4542	Data Acquisition	PCLD-789 16 channel MUX board	Replacement for PCLD-779 8 channel MUX card (the PCLD-779 is now obsolete)
4222	DPT	Differential pressure transducer	
U207	Drying column	S/A Drying column	
U007-4	Exhaust	Orifice Plate	
4367	Ferrule	Back Ferrule (8 mm) (stainless steel)	
4424	Ferrule	Front Ferrule (8 mm) (stainless steel)	
7102	Ferrule	Ferrule Set (6 mm) (stainless steel)	
4530	Filter	Membrane filter for soot analyser (PTFE) (each)	
4641	Filter	In-line filter	Filter after oxygen and carbon dioxide flowmeter (one for each flowmeter)
U208	Filter	S/A Glass pre-filter & fittings	
4290	Filter (Primary)	58P filter element housing	

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U180-4	Filter (Primary)	BA100 primary filter element	0.1 micron
U184-4	Filter (Secondary)	6723 HEPA vent secondary filter	
4046	Flow control	Flashback arrestor	Body only - no fittings
4523	Flow control	Flostat flow stabilization controller	For Cone Calorimeters supplied before November 2000 (fitted with Servomex 1440 oxygen analyzer) - instrument serial numbers up to 0101584
4714	Flow control	Sample gas flow regulator	
4450	Flowmeter	Oxygen analyzer flow meter	
4493	Flowmeter	Methane mass flow meter	
U003-4	Gasket	Gasket for extraction hood ducting	
U006-4	Gasket	Gasket for sampling ring & orifice plate ducting	4 required for complete system (2 for sampling ring and 2 for orifice plate)
U186-4	Gauge	23 mm spacing gauge (cone to sample)	Use for sample holder with edge frame
U187-4	Gauge	25 mm spacing gauge (cone to heat flux meter or sample)	Use to position heat flux meter at correct height or sample with no edge frame
FTT0012	Heat Flux Meter	S/A Heat flux meter assembly	
M002-2	Heater	Cone inner shell	
U135	Heater	Heater element winding	
U149	Heater	Cone heater assembly and thermocouples	
U216	Heater	Cone winding termination kit (ring terminal, sleeve and Autostic)	set of 2 (ring + pyrex sleeve + Autostic)
4449	Interface	PCI GPIB Card	Interface card for data logger
4484	Laser	Laser head OEM05P	
4485	Laser	Laser power supply LSS05	
G123-4	Laser	Nylon beam alignment plug for laser smoke system	
G200	Laser	S/A Beam splitter laser	"compensating" detector
G201	Laser	S/A Beam splitter detector	"main" detector
U142-4	Laser	Photodiode pre-amp unit	
4473	Load cell	Load cell controller	
U999	Manual	User's guide for FTT Cone Calorimeter	

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4536	Nut	Pipe nut (8 mm) (stainless steel)	
4260	Optical filter	ND 0.3 filter without holder	25 mm diameter
4262	Optical filter	ND 0.8 filter without holder	25 mm diameter
G120-3	Optical filter	Optical filter holder	
G145-4	Optical filter	Blank filter holder	
FTT0135	Photodiode	Main photodiode assembly	Photodiode in clamp assembly with red phono plug
FTT0136	Photodiode	Compensating photodiode assembly	Photodiode in clamp assembly with black phono plug
541-7403	PSU	+15V PSU	Order with 541-8355
541-8355	PSU	Screw terminal panel (for 15 V PSU 591-124)	
4613	Pump	Service kit for pump	2 required for double-ended pump
4720	Pump	Complete single-ended sample pump (230 V)	Not for FTT Dual Cone
4725	Pump	Complete double-ended sample pump (230 V)	For Dual Cone and all FTT Cones from November 2000
U209	Refrigeration	S/A Cold Trap (Vapour Cooler)	
346-918	Relay	Surface mount relay (solid state)	For cone heater assembly control
FTT0013	Sample	S/A Sample holder assembly (tray and edge frame)	
U139-4	Sample	U139-4 retaining grid	
U164	Sample	Backing board	
U197	Sample	Ceramic fiber backing pads (4 pieces)	100 x 100 x 25 mm (4 per pack)
U206	Sample	S/A Vertical sample holder	
U008-3	Sampling Ring	Sampling ring for Cone Calorimeter	
4732	Spark	Continuous spark generator	Replaces 4084
4397	Spark	10 kV spark generator unit	Intermittent spark, no detection
M015-4	Spark	2.5 mm electrode assembly with Tufnol block	
U148-4	SRM	PMMA test sample	18 mm thick
U215-4	Support	Dual height fluxmeter/burner holder	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
319-433	Switch	Red DPST latching pushbutton switch	
4151	Thermocouple	Cone heater thermocouple	Requires olive (part number 4615). Heater requires three.
4615	Thermocouple	Olive and nut for cone heater thermocouple	
GBH4615	Thermocouple	1.5 mm thermocouple olive	Not for stack thermocouple

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4735	Thermocouple	1/16" front ferrule for stack thermocouple	For stack thermocouple only. Order part 4736 for full ferrule set.
4736	Thermocouple	1/16" rear ferrule for stack thermocouple	For stack thermocouple only. Order part 4735 for full ferrule set.
4822	Thermocouple	Thermocouple for stack, smoke or cold trap	Requires olive (part number 4615)
4298	Tubing	Black nylon tubing, 6 mm external diameter (per meter)	per meter (Black)
4299	Tubing	Clear nylon tubing, 6 mm external diameter (per foot)	per foot (Clear)
4614	Tubing	1/4 Nylon (clear) - price/foot	per foot (Clear)
4699	Tubing	Silicone tubing 5 mm ID 8 mm OD	per foot
4592	Valve	Solenoid valve in methane line	