

FTT iCone Mini and iCone Classic 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 Mini/Classic
442-505	AV Mount	Sample pump anti-vibration mount	POA	4 required per instrument	iCone Mini/Classic
442-583	AV Mount	Fan plate anti-vibration mount	POA	4 required per instrument	iCone Mini/Classic
A11301-208	Burner	Methane calibration burner (iCone mini/classic)	POA		iCone Mini/Classic
HFM Recal	Calibration	Calibration of heat fluxmeter	POA	Original to be returned to FTT	iCone Mini/Classic
MFM Recal	Calibration	Calibration of mass flow meter	POA	Original methane MFM to be returned to FTT	iCone Mini/Classic
C12403-540	Ceramic	Left hand shutter pad	POA	See C12404-540 for right hand shutter pad	iCone Mini/Classic
C12404-540	Ceramic	Right hand shutter pad	POA	See C12403-540 for left hand shutter pad	iCone Mini/Classic
A11301-315	Controller	Temperature controllerr for iCone series	POA		iCone Mini/Classic
4528	Data Acquisition	16 Channel MUX board for data logger	POA		iCone Mini/Classic
4222	DPT	Differential pressure transducer	POA		iCone Mini/Classic
U207	Drying column	S/A Drying column	POA		iCone Mini/Classic
U007-4	Exhaust	Orifice Plate	POA		iCone Mini/Classic
4367	Ferrule	Back Ferrule (8 mm) (stainless steel)	POA		iCone Mini/Classic
4424	Ferrule	Front Ferrule (8 mm) (stainless steel)	POA		iCone Mini/Classic
7102	Ferrule	Ferrule Set (6 mm) (stainless steel)	POA	Front and rear ferrule	iCone Mini/Classic
4530	Filter	Membrane filter for soot analyser (PTFE) (each)	POA	per filter	iCone Mini/Classic
4641	Filter	In-line filter	POA	Filter before oxygen and carbon dioxide flowmeter (one for each flowmeter)	iCone Mini/Classic
4290	Filter (Primary)	58P filter element housing	POA	Includes 2 male adapters (part # 4661)	iCone Mini/Classic
U180-4	Filter (Primary)	BA100 primary filter element	POA	10% discount on orders of 100+	iCone Mini/Classic
U184-4	Filter (Secondary)	6723 HEPA vent secondary filter	POA	10% discount on orders of 100+	iCone Mini/Classic
4046	Flow control	Flashback arrestor	POA	Body only - no fittings	iCone Mini/Classic
4714	Flow control	Sample gas flow waste regulator	POA		iCone Mini/Classic
C11904-510	Flow control	Calibration gas pressure regulator	POA	For nitrogen or span gas pressure control	iCone Mini/Classic
4450	Flowmeter	Analyser flow meter	POA	Please specify which gas (Oxygen or CO/CO2)	iCone Mini/Classic

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4493	Flowmeter	Methane mass flow meter	POA		iCone Mini/Classic
U003-4	Gasket	Square gasket for extraction hood ducting	POA		iCone Mini/Classic
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 Mini/Classic
8836-3	Gauge	23 mm spacing gauge (cone to specimen)	POA	Use for specimen holder with edge frame	iCone Mini/Classic
8837-3	Gauge	25 mm spacing gauge (cone to specimen)	POA	Use for specimen holder with no edge frame	iCone Mini/Classic
8891-3	Gauge	58 mm spacing gauge (cone to specimen)	POA	Use for specimen holder with edge frame	iCone Mini/Classic
8892-3	Gauge	60 mm spacing gauge (cone to specimen)	POA	Use for specimen holder with no edge frame	iCone Mini/Classic
8993-3	Gauge	25 mm spacing gauge (cone to heat flux meter)	POA	Use to position heat flux meter at 25 mm	iCone Mini/Classic
8994-3	Gauge	60 mm spacing gauge (cone to heat flux meter)	POA	Use to position heat flux meter at 60 mm	iCone Mini/Classic
A11301-207	Heat Flux Meter	Heat flux meter assembly (iCone Mini/Classic)	POA	Includes quick release water hoses	iCone Mini/Classic
A11301-235	Heater	Cone heater assembly and thermocouples	POA		iCone Mini/Classic
M002-2	Heater	Cone inner shell	POA		iCone Mini/Classic
U135	Heater	Heater element winding	POA		iCone Mini/Classic
U216	Heater	Cone winding termination kit (ring terminal, sleeve and Autostic)	POA	set of 2 (ring + pyrex sleeve + Autostic)	iCone Mini/Classic
4449	Interface	PCI GPIB Card	POA	Interface card for data logger - for PCI slot	iCone Mini/Classic
C11751-520	Interface	PCIe GPIB Card	POA	Interface card for data logger - for PCIe slot	iCone Mini/Classic
4484	Laser	Laser head OEM05P	POA	See part A13852-200	iCone Mini/Classic
A11301-316	Laser	Laser power supply LSS05 for iCone mini/classic	POA	Includes 3 pin mini Bulgin plug on mains input	iCone Mini/Classic
A13852-200	Laser	Laser head assembly	POA	Replaces part 4484	iCone Mini/Classic
G123-4	Laser	Nylon beam alignment plug for laser smoke system	POA		iCone Mini/Classic
G200	Laser	S/A Beam splitter laser	POA	"compensating" beam splitter glass and holder	iCone Mini/Classic
G201	Laser	S/A Beam splitter detector	POA	"main" beam splitter glass and holder	iCone Mini/Classic
U142-4	Laser	Photodiode pre-amp unit	POA		iCone Mini/Classic
8531	Load cell	Load cell controller unit	POA		iCone Mini/Classic
4536	Nut	Pipe nut (8 mm) (stainless steel)	POA		iCone Mini/Classic

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4260	Optical filter	ND 0.3 filter without holder	POA	25 mm diameter. See G120-3 for holder	iCone Mini/Classic
4262	Optical filter	ND 0.8 filter without holder	POA	25 mm diameter. See G120-3 for holder	iCone Mini/Classic
G120-3	Optical filter	Optical filter holder	POA		iCone Mini/Classic
G145-4	Optical filter	Blank filter holder	POA		iCone Mini/Classic
FTT0135	Photodiode	Main photodiode assembly	POA	Photodiode in clamp assembly with red phono plug	iCone Mini/Classic
FTT0136	Photodiode	Compensating photodiode assembly	POA	Photodiode in clamp assembly with black phono plug	iCone Mini/Classic
C11990-520	PSU	+/-15V power supply	POA		iCone Mini/Classic
4613	Pump	Service kit for pump	POA	Price per head - 2 required for double-ended pump	iCone Mini/Classic
4720	Pump	Complete single-ended sample pump (230 V)	POA	Soot mass pump	iCone Mini/Classic
4725	Pump	Complete double-ended sample pump (230 V)	POA	Sample pump	iCone Mini/Classic
U148-4 (tested)	Ref. material	PMMA test sample	POA	18 mm thick	iCone Mini/Classic
6276	Relay	Surface mount relay (solid state)	POA	For cone heater assembly control	iCone Mini/Classic
FTT0013	Sample	Horizontal specimen holder assembly (tray and edge frame)	POA		iCone Mini/Classic
U139-4	Sample	U139-4 retaining grid	POA		iCone Mini/Classic
U164	Sample	Backing board	POA	For vertical specimen holder	iCone Mini/Classic
U197-4	Sample	Ceramic fibre backing pads (4 pieces)	POA	For horizontal specimen holder. 100 x 100 x 25 mm (4 per pack)	iCone Mini/Classic
U206	Sample	S/A Vertical specimen holder assembly	POA		iCone Mini/Classic
U008-3	Sampling Ring	Sampling ring for Cone Caloirmeter	POA	Please specify if being used with a FTIR heated line	iCone Mini/Classic
8443	Spark	Continuous spark generator	POA		iCone Mini/Classic
A10867-200	Spark	2.5 mm spark electrode assembly (iCone)	POA		iCone Mini/Classic
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 Mini/Classic
C11982-520	Switch	Silver pushbutton switch (2 colour version)	POA	Red / Green LED surround. [For Shutter, Igniter In/Out and Igniter Enabled]	iCone Mini/Classic
C11983-520	Switch	Silver pushbutton switch (single colour version)	POA	Green LED surround. [For Start/Stop Test, Ignition, Event, Flame Out]	iCone Mini/Classic
C11984-520	Switch	Green Pump On/Off switch	POA	230 V mains switch	iCone Mini/Classic
C12336-520	Switch	Green On/Off switch [Exhaust Fan, Cone Heater, Methane, Soot Mass]	POA	24 V DC switch	iCone Mini/Classic

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C12443-520	Switch	Green Instrument Power switch	POA	230 V mains switch	iCone Mini/Classic
4151	Thermocouple	Cone heater thermocouple	POA	Requires ferrule (part number 4615). Heater requires three.	iCone Mini/Classic
4615	Thermocouple	1.5 mm thermocouple olive and nut	POA	Not for stack thermocouple	iCone Mini/Classic
4735	Thermocouple	1/16" front ferrule for stack thermocouple	POA	For stack thermocouple only. Order with part 4736 for full ferrule set.	iCone Mini/Classic
4736	Thermocouple	1/16" rear ferrule for stack thermocouple	POA	For stack thermocouple only. Order with part 4735 for full ferrule set.	iCone Mini/Classic
C12713-520	Thermocouple	1.5 mm thermocouple for stack	POA	Requires ferrules (part number 4735 and 4736). Does not include plug.	iCone Mini/Classic
C12713-520	Thermocouple	1.5 mm thermocouple for smoke	POA	Requires ferrule (part number 4615). Does not include plug.	iCone Mini/Classic
4298	Tubing	Black nylon tubing, 6 mm external diameter (per metre)	POA	per metre (Black)	iCone Mini/Classic
4299	Tubing	Clear nylon tubing, 6 mm external diameter (per metre)	POA	per metre (Clear)	iCone Mini/Classic
4614	Tubing	1/4" Nylon tubing (clear) - price/metre	POA	per metre (Clear) (for differential pressure transducer)	iCone Mini/Classic
4699	Tubing	Silicone tubing 5 mm ID 8 mm OD	POA	per metre	iCone Mini/Classic
5225	Valve	Solenoid valve in methane line	POA	Body and coil only - no fittings	iCone Mini/Classic