



CEA Instruments, Inc.

160 Tillman Street

Westwood, N.J. 07675 USA

Phone (201) 967-5660 Fax (201) 967-8450

Website: www.ceainstr.com E-mail: ceainstr@aol.com

TEMPEST 50 & TEMPEST 100 PRICE LIST

	Part Number	Price
Tempest 50	99F20003	\$ 1,500.00

Combustion / Flue Gas Analyzer

- Combustion analyzer (Ratio, efficiency, XSAir, Oxygen, calculated CO₂)
- Optional (see below) Differential Manometer (pressure)
- Differential temperature measurement
- Carbon Monoxide detector
- Optional (see below) Nitric Oxide (NO) detector

Complete with stainless steel flue probe, data logging, built-in printer, carry case, charger, rechargeable battery and instruction book. Conforms to BS7927

As 99F20003 with pressure sensing & draught measurement +/- 150 mBar	99F20004	\$ 1,750.00
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As 99F20004 with Nitric Oxide (NO) sensor, 0-1000 ppm	99F20006	\$ 2,150.00
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Tempest 100	99F21005 (USA Plug)	\$ 3,376.00
	99F21001 (UK Plug)	\$ 3,296.00

Combustion Gas Analyzer

- Combustion analyzer (Ratio, efficiency, XSAir, Oxygen, calculated CO₂)
- Differential Manometer (pressure)
- Differential temperature measurement
- Carbon Monoxide (CO) detector
- Nitric Oxide (NO) sensor for NO_x measurement
- Optional NO₂, SO₂, H₂S, HCl and high range 0-100,000 ppm CO sensors

Complete with stainless steel flue probe, data logging (75 sets), built-in printer, carry case, charger, rechargeable battery and instruction book. Conforms to BS7927

As 99F21005 with NO ₂ sensor	99F21002	\$ 3,836.00
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As 99F21005 with SO ₂ sensor	99F21003	\$ 3,836.00
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As 99F21005 with NO ₂ and SO ₂ sensor	99F21004	\$ 4,544.00
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Tempest 50 or Tempest 100 Country Specific Version for **USA, France, Turkey, Italy, Brazil & Belgium**. Changes include languages and gas modifications to suit local requirements, as well as country specific charger. (Specify) **\$ 121.00**

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Options on Tempest 50 New Builds

	Part Number	Price
Personalized header	OPT20040	\$ 118.00
Carbon Monoxide (CO) sensor - 0% to 10% (100,000 ppm)	OPT20039	\$ 306.00
1 Meter probe	PRB20062	\$ 388.00
High temperature probe (max. 1100°C)	PRB20061	\$ 640.00
Aluminum carrying case	CAS20014	\$ 115.00
Smoke tester kit – True Spot	MIS20001	\$ 234.00

Options on Tempest 100 New Builds

	Part Number	Price
Car Charger Lead	CHG99002	\$ 34.00
Hydrogen Sulfide (H ₂ S)	OPT21001	\$ 768.00
Carbon Monoxide (CO) sensor - 0% to 10% (100,000 ppm)	OPT20039	\$ 306.00
Calculation of Stack Losses	OPT20050	\$ 102.00
User-defined Fuel (non-standard)	OPT20041	\$ 114.00
1 Meter probe	PRB20062	\$ 388.00
1 Meter probe with PTFE tubing (HCl sensor fitted)	PRB20070	\$ 1,010.00
1 Meter probe High Temperature Version of PRB20070	PRB20071	\$ 1,480.00
1 Meter probe with Viton tubing (NO ₂ sensor fitted)	PRB20072	\$ 578.00
1 Meter probe High Temperature Version of PRB20072	PRB20073	\$ 922.00
2 Meter extension lead w/ Viton tubing for units with NO ₂	TUB20084	\$ 126.00
4 Meter extension lead w/ Viton tubing for units with NO ₂	TUB20085	\$ 344.00
Probe High Temperature (max. 1100°C)	PRB20061	\$ 656.00
Aluminum Case	CAS20014	\$ 115.00
Smoke tester kit – True Spot	MIS20001	\$ 234.00

Tempest Spare Sensors (Supply Only)

	Part Number	Price
Oxygen (O ₂) Sensor	SEN20076	\$ 165.00
Carbon Monoxide (CO) Sensor	SEN20075	\$ 216.00
Carbon Monoxide (CO) Sensor – H ₂ Compensated	SEN20079	\$ 252.00
Nitric Oxide (NO) Sensor	SEN20077	\$ 340.00
Nitrogen Dioxide (NO ₂) Sensor	SEN20071	\$ 432.00
Sulfur Dioxide (SO ₂) Sensor	SEN20069	\$ 432.00
Hydrogen Sulfide (H ₂ S) Sensor	SEN99016	\$ 516.00
Hydrogen Chloride (HCl) Sensor	SEN99017	\$ 640.00
Pressure sensor	SEN20070	\$ 104.00



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Tempest 50 and Tempest 100 Common Spares	Part Number	Price
Standard 250 mm Probe with thermocouple (max. 800°C)	PRB26001	\$ 236.00
1 Meter probe	PRB20062	\$ 388.00
High Temperature Probe (max. 1100°C)	PRB20061	\$ 640.00
Flexible probe extension lead - 2 Meters	TUB20082	\$ 86.00
Flexible probe extension lead - 4 Meters	TUB20083	\$ 172.00
Soft Carrying Case	CAS20013	\$ 74.00
Rechargeable Battery Pack	BAT20005	\$ 66.00
Battery Charger – UK Version	CHG99007	\$ 80.00
Battery Charger – US Version	CHG99007	\$ 80.00
Battery Charger – EU Version	CHG99007	\$ 80.00
Car Charger Lead	CHG99002	\$ 33.00
Filter Bowl	MOL20037	\$ 17.00
Filter Bowl Sealing 'O' Ring (set of 5)	ORG20052	\$ 15.00
Filter Bowl Inner Disc (set of 5)	MOL20034	\$ 35.00
Filter Bowl Inner Disc Gasket (set of 5)	GAS99005	\$ 35.00
Filter Bowl Drain Plug (set of 5)	PLG20059	\$ 15.00
Coalescing Filter Element (set of 5)	FIL20021	\$ 60.00
Particulate Filter Element (set of 5)	FIL20019	\$ 45.00
SOx / NOx Filter	FIL99010	\$ 24.00
Intermediate Gasket	GAS20025	\$ 3.00
Printer Door Hinge	MOL20036	\$ 8.00
Printer Paper Roll (set of 20)	PAP20053	\$ 80.00
Printer Ribbon	RIB20068	\$ 22.00
6 Volt Electric Pump	PMP99001	\$ 134.00
Smoke Tester Color Chart	CHT99001	\$ 46.00
Tempest RS232 output lead – 1.5 Meters	CAB20011	\$ 80.00
Smoke Tester Filter Paper	FIL99003	\$ 76.00