

THERMO ENVIRONMENTAL INSTRUMENTS

Manufacturer of Air Pollution Monitoring Instruments



INSTRUMENTS DETAILS WHICH ARE MANUFACTURED BY THERMO ENVIRONMENTAL INSTRUMENTS

FOR FINE PARTICULATE (PM 2.5) MONITORING:-



FINE PARTICULATE (PM 2.5) SAMPLER



FINE PARTICULATE (PM 2.5) SAMPLER TEI-121



FINE PARTICULATE (PM 2.5) SAMPLER TEI-121DFM



FINE PARTICULATE (PM 2.5) SAMPLER TEI-121MFC

FOR RESPIRABLE DUST (PM 10) MONITORING:-



HIGH VOLUME SAMPLER THERMO MODEL TEI - 301 (FOR TSPM)



RESPIRABLE DUST (PM 10) SAMPER TEI - 108BL



RESPIRABLE DUST (PM 10) SAMPER TEI- 108NL



RESPIRABLE DUST (PM 10) SAMPER TEI - 108NLDF

FOR GASEOUS MONITORING:-



GASEOUS SAMPLING ATTACHMENT (FOR GASEOUS)



GASEOUS SAMPLING ATTACHMENT THERMO MODEL TEI - 110 (FOR GASEOUS)



Thermo Electric Gaseous Sampler Model TEI - 371 (FOR GASEOUS)



Thermo Electric Gaseous Pollutant Sampler with Vacuum Pump TEI - 372 (FOR GASEOUS)

FOR STACK EMISSIONS:



STACK MONITORING KIT THERMO MODEL TEI - 131

'Thermo' Stack Sampler is one such Grab Sampler which can monitor Particulate Matter (PM) and any water - soluble gaseous pollutants like SO₂, NO_x, HF, Cl₂, H₂S, NH₃ etc. in industrial emissions from Stationary source/Chimney and Vent.



STACK MONITORING KIT THERMO MODEL TEI - 401

'Thermo' Stack Sampler is one such Grab Sampler which can monitor Particulate Matter (PM) and any water - soluble gaseous pollutants like SO₂, NO_x, HF, Cl₂, H₂S, NH₃ etc. in industrial emissions from Stationary source/Chimney and Vent.

In this system - all accessories are in One Box (Pitot, Probe Pipe, Thimble Holder, Dry Gas Meter, Nozzles, Tools etc., all accommodated in an Aluminium Carrying Case (except Vacuum Pump Assembly) as shown in picture. Light weight, Easily carry here & there (like a



STACK MONITORING KIT THERMO MODEL TEI - 130 WITH VELOCITY MONITOR 132 (WITH NEW FEATURES)

'Thermo' Stack Sampler is one such Grab Sampler which can monitor Particulate Matter (PM) and any water - soluble gaseous pollutants like SO₂, NO_x, HF, Cl₂, H₂S, NH₃ etc. in industrial emissions from Stationary source/Chimney and Vent.

In this system - all accessories are in One Box (Pitot, Probe Pipe, Thimble Holder, Dry Gas Meter, Nozzles, Tools etc., all accommodated in an Aluminium Carrying Case (except Vacuum Pump Assembly) as shown in picture. Light weight, Easily



DIOXINS & FURANS STACK MONITORING KIT THERMO MODEL TEI - 141

Equipment specially to monitor Dioxins & Furan emissions with Normal Stack Monitoring facilities like PM, Sox, NO_x etc.

This model is equipped with Digital Manometer which display velocity and Temperature indicator which helps to use this in isokinetic stack sampling. This can also be used in monitoring of Heavy Metals in Stack Emission

	suitcase)	carry here & there (like a suitcase) Velocity and Temperature separately also provided in this system. Save our Time for sampling	
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FOR PM 10, PM 2.5 & GASEOUS MONITORING:-



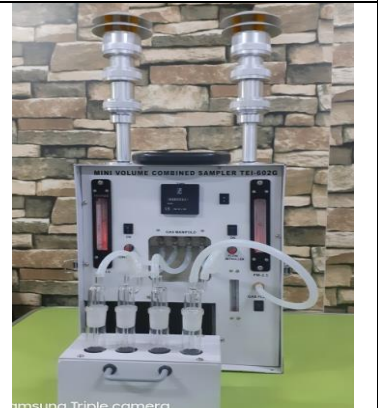
COMBINED SAMPLER THERMO MODEL TEI-451-110
(FOR PM 10, PM 2.5 & GASEOUS SIMULTANEOUSLY)



MINI VOLUME COMBINED SAMPLER THERMO MODEL TEI-452-110 (WITHOUT DRY GAS METER)
(FOR PM 10, PM 2.5 & GASEOUS SIMULTANEOUSLY)




HIGH VOLUME COMBINED SAMPLER THERMO MODEL TEI-450-110
(FOR PM10, PM 2.5 & GASEOUS SAMPLER - SIMULTANEOUSLY)




LOW VOLUME COMBINED SAMPLER - TEI - 602G (BATTERY OPERATED)
This sampler is suitable for PM 10, PM 2.5 & Gaseous monitoring simultaneously, all the parameter can be monitored at a time. After remove the Impactor, it can collect TSPM Particles also. In this case at a time any two Dust sampling like PM10 / PM2.5 / TSPM can be possible.



MINI VOLUME (PM 10, PM 2.5 or TSPM) COMBINED SAMPLER THERMO TEI-602 (Battery Operated)
(It is a portable air sampler to collect PM 10, PM 2.5 and TSPM particles. At a time any two sampling can be possible)



VELOCITY MONITOR THERMO MODEL TEI - 132
Is designed to determine velocity of air/flue gas in duct/ pipe/chimney.



HANDY SAMPLER THERMO MODEL TEI - 171 / 181
(FOR TOTAL DUST & 3 GASES LIKE SO2/NOX/O3 & VOC)
TEI 181 (AC-220 Volt) - 0 to 10 LPM (FREE FLOW) & TEI-171 (Battery Operated) - 0 to 10 LPM (FREE FLOW)



Handy Sampler Thermo Model TEI - 191 (Battery Operated) -
(for any one dust like PM 10 or PM 2.5, TSPM & 3 Gases like SO2/NOx/O3 & VOC)



VOC / BENZENE SAMPLER
THERMO MODEL TEI - 381
(BATTERY OPERATED)

Thermo VOC / Benzene Sampler is used for collection of samples of Benzene and other VOC's in ambient air.



PERSONAL SAMPLER WITH
CYCLONE ASSSEMBLY THERMO
MODEL TEI- 421 (OCCUPATIONAL
HYGIENE)

FOR SHOP FLOOR / INDOOR MONITORING).



TCLP ROATY AGITATOR THERMO MODEL TEI-551
(FOR SOLIDS AND WASTES - TOXICITY CHARACTERISTIC LEACHING
PROCEDURE)

This system is a soil sample extraction procedure for chemical analysis, employed to chemically determine if a waste is characteristically hazardous.