

FEATURES

- Lightweight powder coated control unit is provided in four separate boxes for easy handling
- Digital readout for temperature of dry gas meter and stack gas
- Dry gas meter for total flow measurement
- Unique Tapered thimble holder for leak proof collection
- Six glass Impingers
- Acrylic Rotameters for flow measurements
- Light weight monoblock vacuum pump
- Inclined Manometer with 0.01 inch WG resolution with spill proof arrangement
- S- type Pitot tube of 1.5-meter length individually calibrated as per EPA regulations (I.I.T. Mumbai)
- S.S.Thermocouple of 1.5-meter length

ACCESSORIES

INSTRUMEX'S Stack Monitoring Kit IPM 112 consists of

- **VELOCITY / CONTROL MODULE :**
The control module contains all necessary operational controls, pressures and temperature measurement display, rotameter, etc., mounted in a sturdy, lightweight aluminum cabinet. The aluminum cover is provided to protect the operational controls from any damage during transportation to site and sampling platform. The cover is mounted on half hinges and is removable during operation.
- **IMPINGER MODULE :**
The Impinger Module is a double walled, thermally insulated fiberglass cabinet for housing six Impinger tubes.
- **GLASS WARE SET :**
Borosilicate glass impingers
- **DRY BOX MODULE :**
This is a diaphragm type gas meter and is used to measure the total volume of gas collected.
- **PROBE ASSEMBLY WITH SUITABLE HOSES :**
S.S. Braided Teflon hoses for sample collection and Pitot tubes.
- **VACUUM PUMP :**
Single phase, 1/2 HP with free flow capacity: 100 LPM, rotary vane type.
- **PITOT :**
This consists of a Pitot tube, thermocouple and filter holder probe. The Pitot tube is S-type made of SS 304 as per EPA specification. It has been calibrated in a wind tunnel at I.I.T. Mumbai and the calibration co-efficient has been engraved on the tube.
- **FILTER HOLDER ASSEMBLY :**
The thimble holder with one-meter extension pipe has been designed to hold thimble of two types:
 - a) Cellulose thimble size 28mm ID X 100mm Length.
 - b) Glass Fiber thimbles size 19mm ID X 90mm Length.
- **NOZZLES WITH BEND PIPE :**
Three types of Nozzles of sizes: 5/8", 1/2" and 3/8" dia.
- **ROTAMETERS :**
There are two Rotameters provided. One Rotameter of 100 LPM is for measuring the flow for SPM and another Rotameter is provided for gaseous sampling 6 LPM.



INSTRUMEX

IMPORTER / MFG / SUPPLIER OF ANALYTICAL,
POLLUTION MEASURING INSTRUMENTS & ACCESSORIES

Ashish Udyog Bhawan, Unit No.7, Ramchandra Ext. Lane, Malad (W), Mumbai - 400 064 (INDIA).
Tele/Fax : 022-2844 3997 / Mobile : 93222 35281
E-mail : info@instrumex.net / instrumex1@rediffmail.com / www.instrumex.net

Authorised Dealer

Photo: © Shutterstock 112 2010

 **INSTRUMEX**
EMINENCE IN INSTRUMENTATION

STACK MONITORING KIT IPM-112

