SERRAX TECHNOLOGIES

ISO 9001 : 2015 Certified Company
An ISO/ IEC 17025 Accreditation Calibration Laboratory

BENZENE SAMPLER APM125

Overview

Benzene is a hazardous air pollutant commonly associated with vehicle emissions, fuel handling, industrial processes, chemical manufacturing and other combustion-related activities. Monitoring benzene levels is important in areas with heavy traffic as well as around industries where organic compounds are handled.



The SERRAX Benzene Sampler APM125 is designed for the collection of benzene present in ambient air for subsequent laboratory analysis. The instrument draws air at a controlled low flow rate and collects benzene on an activated charcoal sampling tube.

After sampling, the collected sample can be processed and analyzed using suitable laboratory techniques such as Gas Chromatography (GC) to determine the benzene concentration.
The APM125 is designed for long-duration ambient air sampling and provides controlled airflow along with sampling-time monitoring, helping users collect representative air samples for environmental assessment.

Technical Specifications

	Flow Rate	0 to 200 ml/min adjustable using precision needle valve for flow control
	Charcoal Tube	Three reusable Glass Tubes packed with Activated Charcoal shall be supplied with instrument.
	Pump	Low Noise Pump which operates on nominal power
	Time Totalizer	0.00- 9999.00 hrs

Key Features

- Designed for ambient benzene sampling
- Activated charcoal tube-based sample collection
- Controlled low-flow air sampling
- Differential Manometer for monitoring pressure drop across the sampling tube
- Built-in diaphragm pump for continuous air sampling
- Suitable for extended sampling durations
- Flow-rate monitoring and adjustment
- Time totalizer for recording actual sampling duration
- Suitable for environmental and industrial air monitoring
- Compact and practical design for field applications

Working Principle

Ambient Air → Controlled Flow → Activated Charcoal Tube → Sample Collection → Laboratory Analysis
The sampler draws ambient air through the charcoal tube at a controlled flow rate. Benzene is retained by the activated charcoal, while the collected sample can later be processed and analyzed in the laboratory to determine its concentration.

Manufactured by : Serrax Technologies
Environmental Monitoring Instruments

Our Customers




SHAM'S
Indane
CONCEIVE RESEARCH
AS Food Products
Epsilon
FIRECHECK SERVICES
SAKSHI TRADE
Farmley
GLOWING AUTOMATION PVT. LTD.
RECTHERM
Dabur
Medivlz
Your Service Partner
EST. 1806 MELCHERS
TENDER247
ALPHA LABS & TECHNOLOGIES
Heritage
MMIS AMBALA
AFFILIATED TO CBSE.
Dadu Gases
SAF
BLUE TOKAI COFFEE
APASTERON
PUDUMJEE
HYTECH INSTRUMENT
LT FOOD
NURTURING GOODN
DAK Infosoft
BioLinx Labsystems
AVIORION
Sustainable Himalaya
NUVOCO
Shaping a new world
BIOCELL ENTERPRISE
Autoquick Enterprises
RATNAMANI METALS & TUBES LTD.
DSS
Alembic
Touching Lives over 100
MANGESH ENTERPRISES
HENAVI Laboratories Limited
CHAROTAR EDUCATION SOCIETY
Aditya
RSB
DELTA
SARDA
BS Scientific
FEC
ORIGIN
Chettinad cement
Paras
Life Enriched
RAVE INNOVATIONS
DECCAN
REMA ENGINEERS
AMB
Miranda House
UNIVERSITY OF DELHI
CONFORMITY TESTING
WCS
labgo
Shaktimaan
स्वाद शुद्धता का...
Accuster..
Expert In Vitro Diagnostic
MSK
cryocan
Nitya
kushalta
EPSUM LABS
Colorcor
aarav interiors private limited
MeghaGas
MEGHA CITY GAS DISTRIBUTION PRIVATE LIMITED
Diamtron Technologies Pvt. Ltd.
TRADE Jindal MARK
GLOBAL
BIO MEDICAL SERVICES INDIA
GETRUS
KAMDAR
Kamdar Food Industry
ME
fabcon
INDIA
DECCAN CEMENTS LIMITED
KAPSE
FOUNDATION
BIO
Bio Genome India
MGI
KRGS
Agri Innovations
KAG INDUSTRIES
JP International
empathy solutions
amc
2025
1996
MedLab solutions
Testtex
Testtex India Laboratories Pvt. Ltd.
Concrete
READY MIXED CONCRETE
FELIX
kkbiomedscientific
Envirocon
CE&C
Quality Ensured
EUREKA FORBES
WERT
INTERNATIONAL
EbroIndia
Wilson College
SATGURU
ENGINEERING WORKS
GLEE
Improving Life
BAJAJ
genexEHR
LSL
LIFE SHELL LABS
hexa
PharmaChem
WOXN PACKAGING
SAI INSTRUMENTS SERVICES
AGADGURU KRIPALI CHIKITSALAYA
COMPLETE
grofresh
Agrofoods Pvt. Ltd.
MV Medtech
Singal's
Since 1960
balaji PATHOLOGY LABORATORY
QtechScientific
Quality With Technology
JUBILANT
creo
solutions
Gujarat
Testlab Private Limited
GLOBAL ENVIRO
AFCONS
Vision Labs
eqova
Healthcare
Enterprises
dhruvi enterprise
HACHFELD
XTREAM
VIKRAM SARABHAI SPACE CENTRE
HEXA
SAMRUDDHI
Organic Farm
DFAG
Kuria Mal & Sons
GOCL
UltraTech CEMENT
The Engineer's Choice
YASHODAA HOSPITAL
jhanvi
KK
ENTERPRISES
PIONEER
eco
elofic
SRICO
TRUECAL
vijay
Good Health = Happy Family
INSTITUTE OF LIFE SCIENCE
Prestige ELECTRONICS
Precise
Testing And Calibration Centre Pvt. Ltd.
Xtreme Engineers
GEE
RATNAMANI METALS & TUBES LTD.
RSF
EVOLUTION IS C
R. R. ENTERPRISES
SVIT
MILITARY HOSPITAL
Blastoserve Scientific

SERRAX



GET IN TOUCH

+91 8851 906 679

info@serrax.in

www.serrax.in

A84, 2nd Floor, DDA SHED
Okhla Phase 2, New Delhi – 110020