

**ANALAB<sup>®</sup>**

pH Conductivity  
Salinity TDS Resistivity  
Moisture  
Melting Boiling  
NaKCa  
Zero N<sub>2</sub> H<sub>2</sub> Gas Generator  
Air Leak Test  
Tap Density Friability  
Tablet Dis-Integrator Hardness  
Dissolution



manufacturer & exporter of analytical scientific instruments  
for quality control and research laboratory

[www.analab.co.in](http://www.analab.co.in)

## About Us

**ANALAB**<sup>®</sup>, a Vadodara-based company has been manufacturing **scientific & analytical laboratory instruments** for quality control, quality assurance & R&D centre **Since 2005**. The area of application is in field of pharmaceutical & formulation, research centre, pesticides, petroleum, dyes & intermediate, fine chemicals, educational institute and many more industries. Through our **innovative approach** and **resolute product research**, we have been able to create a niche in the domestic market. The company has **succeeded** in having a presence in the **international market** since 2018 and we have started accepting **OEM orders** from various countries. The hallmark of our policy is **integrity** and **consumer satisfaction**. To set a benchmark, we leave no stone unturned in ensuring a very high rate of consumer satisfaction.

## Message from CEO & Founder of Company

At **ANALAB**<sup>®</sup>, we earn and retain our customer trust by offering highly effective, **evidence-based training** and customer **service at a reasonable and competitive cost**. We never compromise on our quality and integrity and are always committed to **teamwork** and innovation.

If you are looking for a scientific laboratory instrument partner, then Analab, is the end of your search. One of our biggest pluses is that we never say NO to any challenges. With a **positive mindset**, we are always ready to provide you with a solution. Our friendly teams will provide you with a **professional and dedicated service**. You meet us once and you will have the Analab, Brand for your laboratory. Come meet us and give us a chance to supply the scientific laboratory instruments that meet your requirements.

If you have any queries, we would **love to hear from you**.

## Certification



## Laboratory Instruments



### **pH/mV/°C Analyzer**

(Two Point and Two/Three Point Calibration)

### **Conductivity/TDS/°C Analyzer**

(Auto Ranging Type)

(Five Standard, One per Range)



### **pH/mV/°C/ORP Analyzer**

(Three/Five Point Calibration)

### **Conductivity/TDS/°C Analyzer**

(Auto Ranging Type)

(Five Standard, One per Range)

### **Multiparameter Analyzer**

(pH/ORP/mV/Conductivity/TDS/°C Analyzer)



### **pH/mV/°C/ORP Analyzer**

(Three/Five Point Calibration) - as per USP

### **Conductivity/TDS/Resistivity/Salinity/°C**

Analyzer (Auto Ranging Type)- as per USP

(Five Standard, One per Range)

### **Multiparameter Analyzer**

(pH/ORP/mV/Conductivity/TDS/Resistivity/  
Salinity/°C Analyzer)



### **pH/mV/°C/ORP Analyzer**

(Multipoint Calibration)

### **Conductivity/TDS/Resistivity/Salinity/°C**

Analyzer (Auto Ranging Type)- as per USP

(Five Standard, One per Range)

### **Multiparameter Analyzer**

(pH/ORP/mV/Conductivity/TDS/Resistivity/  
Salinity/°C Analyzer)



## Laboratory Instruments



**Handheld pH/mV/°C Analyzer**

**Handheld Conductivity/TDS/°C Analyzer**

**Handheld Multiparameter Analyzer**  
(pH/ORP/mV/Conductivity/TDS/°C)



**Volumetric Karl Fischer Titrator**

for measurement of moisture  
from 50ppm to 100%



**Auto Titrator**

\* Type of Titration : Acid / Base,  
Amperometry, Argentometric,  
Aqueous / Non-Aqueous, Precipitation,  
Chelatometric, Redox etc.



**Programmable  
Melting / Boiling Point Apparatus**

(Silicon Oil Type)

Temperature Range upto 300°C

All Instruments are available with **21 CFR  
PART 11**



## Laboratory Instruments



**Automatic Programmable  
Melting / Boiling Point Apparatus  
(Block Type)**  
Temperature Range upto 400°C



**Flame Photometer with Air Supply Unit**  
For analysis of Na, K, Ca, Li, Ba



**Friability Test Apparatus - Double Drum**  
Two different models are available

- Fix Speed : 25 RPM
- Variable Speed : 20 to 70 RPM



**Tablet Dis-Integration Test Apparatus**  
Available with two different models

- a) Two Basket with individual Motor Control
- b) Two Basket with common Motor Control

- Without Water Bath
- Auto Park out facility
- Illumination to view disintegration process



### Tablet Dissolution Test Apparatus

- Speed : 20 to 200 RPM
- Temperature : Ambient to 45°C
- Time : 1 - 999 min
- Station : 8 or 14



### Tap Density Test Apparatus

- USP-1 : 300 TPM / 250 TPM
- USP-2 : 250 TPM
- Position : 14mm / 3mm
- ASPM Method available Optionally

### Scott Volumeter Manual Bulk Density Tester

as per ISO 3923 – 2,  
USP Chapter 616 & ASTM B 329



### Leak Test Apparatus

- Vacuum : Greater than 500 mm of Hg
- Vacuum Stability : Below 400 mmHg  
 $\pm 10$  mmHg & above 400 mmHg  
 $\pm 5$  mmHg within 30 sec.
- Digital Vacuum Gauge



### Tablet Hardness Tester

Load cell up to 500 N  
Minimum load-0.1 N with accuracy 0.5% Full Scale  
Tablet Size from 2 – 28 mm  
Complies with USP requirements.  
Units of measurement in N, Kgf and lbf.  
Printer connectivity through RS 232 port.  
Tester operates on rechargeable battery.

## Laboratory Instruments



### Laboratory Sieve Shaker

- Detachable Sieve :75-100-200-300 Ø
- Sieve Size : 0.025-4.0mm
- Time : 0-99 min & 59 Sec
- Layer of sieve : 08 Including Receiver & Pan
- Noise level : Very low i.e. < 50 dB
- Type of sample : Liquid & Powder



### Ultrasonic Bath with Heater (Sonicator)

from 2.5 liter to 40 liter and also available customized size.  
Frequency : 33KHz & 40KHz  
Temperature upto 70°C



### Ultrasonic Bath with chiller

- Capacity 10, 20 & 30 Litres & available with customised size.
- Temp. Range: 5°C to Room Temp.



Balance	Capacity	Readability
Semi-micro	60/220 gm	0.01/0.1 mg
Analytical	220 gm	0.1 mg
Precision	300 gm	1.0 mg



## Laboratory Instruments



### Halogen Based Moisture Analyzer

- \* Capacity : 60 / 110 / 210 gm
- \* Readability : 0.001g/0.01%
- \* Drying Time : 0.1 min to 10 Hour
- \* Temp. Range : 0-160°C  
(Optionally available up to 250°C)



### Combination Nitrogen & Zero Air Gas Generator

- \* Purity of N<sub>2</sub> 99.999% upto 6LPM
- \* Dew Point of Zero Air -40°C / -70°C
- \* Flow upto 40LPM of Zero Air



### Nitrogen Gas Generator

- \* Purity 99.999% upto 6LPM
- \* Purity 99.95% upto 40LPM

### Zero Air Gas Generator

- \* Dew Point -40°C / -70°C
- \* Flow upto 40LPM



### Hydrogen Gas Generator

(Water Based)

- \* Purity : 99.9995% upto 2 LPM

All Instruments are available with **21 CFR PART 11**

## Laboratory Furniture & Fume Hood



## Pedestal Assembly



## Wide Choice of Work Surface



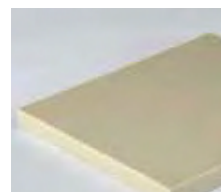
• Granite tops



• Ceramic tops



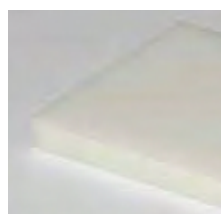
• Trespa tops



• PVC tops



• Epoxy tops



• PP tops

## Stand Alone Units



## Skirting Assembly



## Laboratory Furniture & Fume Hood

Laboratory Furniture



Exhaust Hood



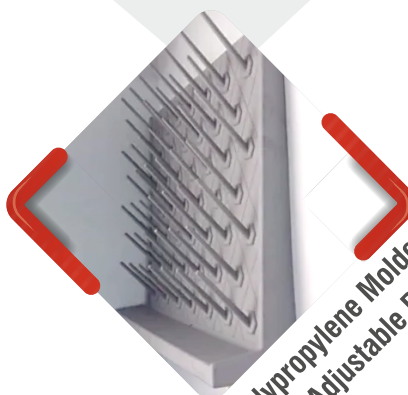
Panel Mounted  
Valve Remote Valve



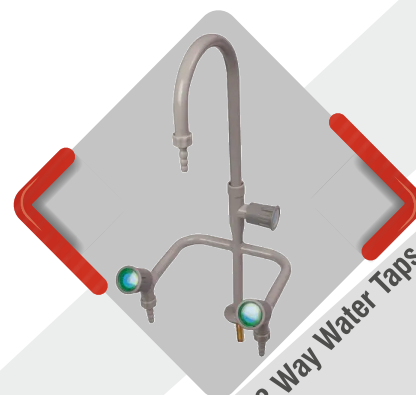
Fume Hood



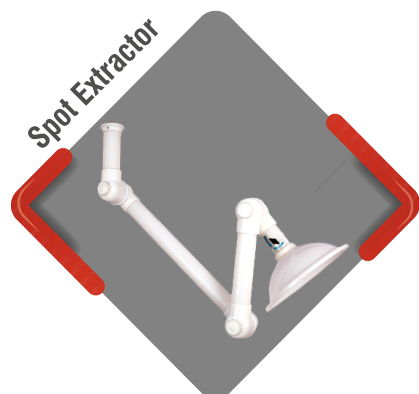
Polypropylene Molded  
with Adjustable Pegs



3 Way Water Taps



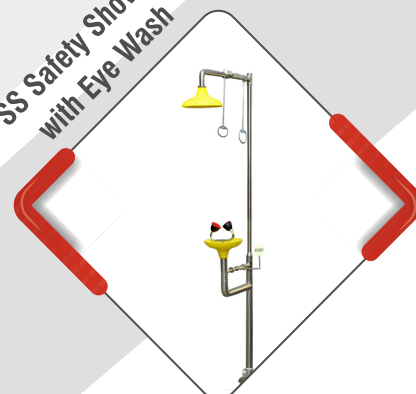
Spot Extractor



2 Way Eye Wash



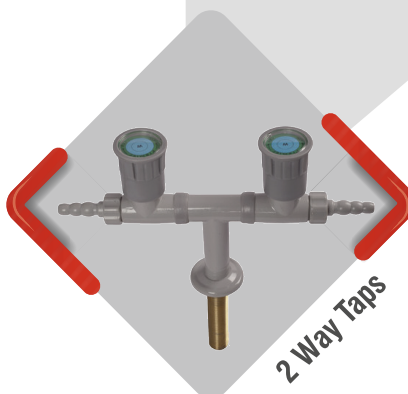
SS Safety Shower  
with Eye Wash



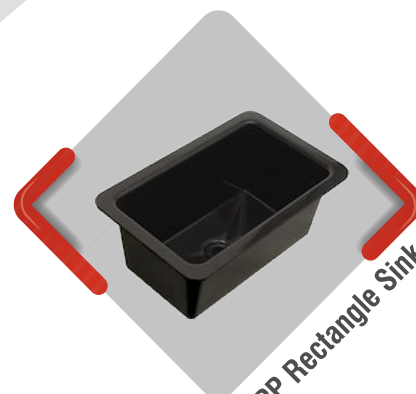
Blower



2 Way Taps

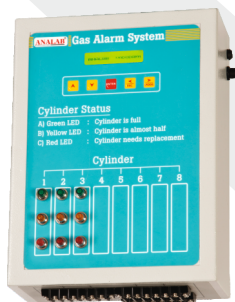


PP Rectangle Sink





# Flow Chart of Gas Handling & Purification System



Gas Cylinder Alarm System  
(Available upto 8 cylinder  
in single unit)

- Hydrogen
- Nitrogen
- Zero Air
- Helium

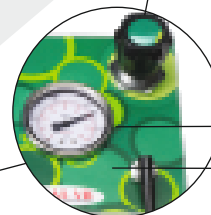
GHS - PLUS-04



Brass Chrome plated  
SS Diaphragm Pressure  
Regulator (Optional)



Stainless  
Steel  
Machine  
Shield Pressure  
Gauge



Reverse screen  
printed  
polycarbonate  
sticker for  
colour coding

Inline Micro Filter

POWDER COATED CASING CAPPING

Flash Back  
Arrester with  
NRV



Gas Control Module  
GCM-GRT-04



Ministation  
GCM-T-04



Gas Change  
Over Module  
GCOM



Gas Control  
Module with  
Flow Meter

SS Tubing available in 1/8", 1/4", 3/8", 1/2"



Double Stage Cylinder Regulator  
with SS Diaphragm



Manifold System with  
Bracket & Pigtail

Cylinder Mounting Bracket  
with Welcrow



Oil Free Air Compressor



Combination Nitrogen and  
Zero Air Gas Generator

**Note: We undertake Turnkey project for  
Gas Pipe Line along with orbital welding**

## Product Range

### Pharmaceutical and Chemical Testing Instruments

pH/mV/°C/ORP Analyzer | Conductivity/TDS/Resistivity/Salinity/°C Analyzer  
Multiparameter Analyzer (pH/ORP/Conductivity/TDS/Resistivity/Salinity/°C)  
Karl Fischer Titrator | Auto Titrator | Automatic Melting/Boiling Point Apparatus  
Flame Photometer | Ultrasonic Bath (Sonicator) | Ultrasonic Bath with Chiller  
Analytical Electronics Balance | Halogen Based Moisture Analyzer

### Physical Tablet Testing Instruments

Friability Test Apparatus | Tablet Dis-integration Test Apparatus  
Tap Density Test Apparatus | Tablet Hardness Tester  
Leak Test Apparatus | Tablet Dissolution Test Apparatus

### Gas Purification System & Gas Generator

Nitrogen Gas Generator | Zero Air Gas Generator  
Combination Nitrogen/Zero Air Gas Generator  
Air Drying Unit for TOC Analyzer | Dew Point Apparatus  
Gas Handling & Purification System | Exhaust Hood for AAS/ICP

### Laboratory Furniture & Fume Hood

All  
instruments  
are  
available with  
21 CFR Part 11

Global  
but local  
Exclusive but elite  
Large but focused  
Where others  
see contradiction,  
we see  
opportunities.

Distribution Network



**ANALAB SCIENTIFIC  
INSTRUMENTS PVT. LTD.**

AN ISO 9001 : 2015 CERTIFIED CO.  
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Specification & design are subject to change without prior notice for our continuous development.

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