



# REDIUS SOLUTIONS

*Profit With Growth*

## LABORATORY EQUIPMENTS

**Water &  
Environment**



**Pharmaceutical**



**Energy &  
Power**



**INDUSTRIES  
WE SERVE**

**Chemical**



**Food &  
Beverages**



**Biotechnology**



**Oil &  
Petrochemical**



[www.redius-solutions.com](http://www.redius-solutions.com)



## HPLC WATER PURIFICATION SYSTEM

- Capacity: 10 LPH with 30 / 60 Ltr reservoir to meet daily usage
- Generates Type I & Type II water complying ASTM D1193 standards
- Conductivity of Output water: 0.054 $\mu$ S/cm for Type 1 water
- It can intake feed water TDS upto 500 ppm

## MELTING POINT

- Room temperature to 400°C with 0.1°C resolution
- Digital movie of each melt
- Programmable ramp rates from 0.1 °C/min to 20 °C/min
- Up to 24 different analysis methods can be saved

## PROTEIN ESTIMATION (TKN) ANALYSER

- Automatic Alkali and Boric Acid Addition
- Sample Dilution
- Equipped with in-built titrator
- Water Level Control in steam generator
- Self-diagnostic for error detection



## VISCOMETER

- Wide Speed Range upto 250 RPM
- RTD Temp. Sensing Probe -50 to 300°C
- Accuracy: 1% of Full-Scale Range
- SS316 Spindles
- Wide range of Viscosity Std.: 5, 10, 50, 100, 500, 1k, 5k, 12.5k, 30k, 60k, 100k cps



## LIQUID HANDLING SYSTEMS

- Electronic Pipette
- Micropipettes / Multichannel Micropipettes
- Auto-Burette
- Bottle Top Dispenser
- **Applications** : Life Sciences, Biotechnology & Pharmaceutical Industries, Analytical Chemistry





Abbe Refractometer



UV-Vis Spectrophotometer



Microbial Air Sampler



Leak Test Apparatus



Tablet Dissolution Apparatus



Tapped (Bulk) Density



Tablet Hardness Tester



Tablet Disintegration Tester



Stability Chamber



BOD Incubator



Hot Air Oven



Bacteriological Incubator



Autoclave



Ultrasonic Cleaner



Refrigerated Circulating Bath



Rotary Vacuum Evaporator



Water activity meter



Flame photometer



Circulating Vacuum Pump



Magnetic Stirrer with hotplate



Laminar Airflow



Pass Box



Shaking Waterbath



Melt Flow Index Tester



Multiparameter  
pH/ISE/EC/DO/TDS



Turbidity Meter



Water Test Meter



Water Testing Kit



Online pH Analyser



Portable Oil Free  
Vacuum Pump



Membrane Filter  
Holder



Heating Mantle Digital



Headspace Gas Analyser  
For MAP Packages



FFA-PEROXIDE  
VALUE METER



Gas Detector for  
GC Room



Gas Detector Tubes



COD Digester  
with accessories



Jar Test Apparatus



Centrifuge



Charcoal Tubes



Ultrasonic Thickness  
Gauge



Digital Refractometer



Density Hydro Meter



Ford Cup  
Viscometer



Analytical Balance



Universal Printer



Weight Box - F1/E1/E2 class



Anaerobic Culture Jar

## COAL TESTING EQUIPMENTS



Automatic Bomb Calorimeter

- Compact Cabinet Type model available
- With Touch Screen HMI Display (Optional)
- Gives Direct CV Reading
- With Thermal printer & PC interface
- With / Without AUTOGAS Filling system
- Temp. resolution: 0.01°C / 0.001°C
- Memory: 400 logs



Electromagnetic Sieve Shaker



Moisture Analyzer



Muffle Furnace

## PETROLEUM TESTING EQUIPMENTS



Petroleum Distillation



Pensky Marten



Viscosity bath with Tubes

# EMINENT CLIENTS

## PRIVATE SECTOR



## PSUs-ACADEMIC INSTITUTES



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