

Accessories for Water Treatment

If you are looking for **Water Parameter testing & monitoring tools** i.e. **Water Testing Kits, Dip slide, and Corrosion & Deposition Monitors** then we are the perfect destination for you. These are utilized in multiple industries suiting to their specific needs. Easy to operate and portable are the chief attributes of these water Accessories that makes them widely recommended by our customers. We are counted as one of the leading supplier from India.

Monitoring of industrial water treatment system is very essential to get the right feed back about the effectiveness of any treatment program. Proper monitoring of water treatment program will ensure:-

- ❖ Water Parameters are under control
- ❖ Control of chemical dose (underfeed/ overdose)
- ❖ Saving in chemicals, water & energy cost
- ❖ Meet pollution standards
- ❖ More effective treatment resulting in improved and better plant operation.

1. Water Test Kits

Testing kits have been specially designed to meet the operational demands of industrial sector requiring quick and dependable on-the –spot analysis of water.

Range & Number Of Test

| S. NO. | TEST PACK | TYPE | MODEL | RANGE & LC (ppm) | TEST |
|--------|-------------------------------------|-----------|-----------|---|------------|
| 1. | Hardness (order min. 5 Nos.) | TI | | 0 to 1000 (LC – 5 & 1) | 200 |
| 2. | Alkalinity | TI | | 0 to 1000 (LC – 5 & 1) | 100 |
| 3. | Chlorides | TI | | 0 to 1000 (LC – 5 & 1) | 100 |
| 4. | Calcium | TI | | 0 to 500 (LC – 5 ppm) | 100 |
| 5. | Silica | C | A | 2, 4, 6, 8, 10, 12, 14, 16, 18 & 20 | 100 |
| | Silica | C | B | 5, 10, 15, 20, 25, 30, 35, 40, 45 & 50 | 100 |
| | Silica | C | LR | 0.1 to 1.0 (10 slots, LC – 0.1ppm) | 100 |
| 6. | Phosphates | C | A | 2, 4, 6, 8, 10, 12, 14, 16, 18 & 20 | 60 |
| | Phosphates | C | B | 5, 10, 15, 20, 25, 30, 35, 40, 45 & 50 | 60 |
| 7. | Sulphites | TI | | 0 to 200 (LC – 5 ppm) | 100 |
| 8. | Iron (Total) | C | A | 0.1 to 1.0 (10 slots, LC – 0.1 ppm) | 100 |
| | Iron (Total) | C | B | 0.3 to 3.0 (10 slots, LC – 0.3 ppm) | 100 |
| | Iron (Total) | C | C | 0.5 to 5.0 (10 slots, LC – 0.5 ppm) | 100 |

| | | | | | |
|-----|------------------------------|----|-------|--|-----|
| | Iron (Fe++) | C | A | 0.1 to 1.0 (10 slots, LC – 0.1ppm) | 100 |
| 9. | Dissolved Oxygen | TI | | 0 to 9 (LC – 0.2 ppm) | 60 |
| 10. | CHLOROPACK | C | A | 0.1 to 1.0 (10 slots, LC – 0.1 ppm) | 200 |
| | CHLOROPACK | C | B | 0.2 to 2.0 (10 slots, LC – 0.2 ppm) | 200 |
| | CHLOROPACK | C | C | 0.5 to 5.0 (10 slots, LC – 0.5 ppm) | 200 |
| 11. | Nitrites | TI | HR | 0 to 2000 (LC – 50 ppm) | 100 |
| 12. | Chromates (VI) | TI | HR | 0 to 1000 (LC – 10 ppm) | 100 |
| | Chromates (VI) | C | LR | 0.02 to 0.2 (10 slots, LC–0.02 ppm) | 100 |
| 13. | Tannins | C | | 2.0 – 20.0 (10 slots, LC – 2 ppm) | 100 |
| 14. | Hydrazine | C | | 0.1 to 1.0 (10 slots, LC – 0.1ppm) | 100 |
| 15. | Molybdate | C | HR | 0 to 500 (10 slots, LC – 50 ppm) | 75 |
| | Molybdate | C | LR | 1.0 to 10.0 (10 slots, LC – 1.0 ppm) | 60 |
| 16. | Water Softness GO/NO GO Type | | | Indicates cut-off at 5 ppm | 400 |
| 17. | Nitrates | C | | 0.5 to 5.0 (10 slots, LC – 0.5 ppm) | 50 |
| 18. | Ammonia | C | | 0.5 to 5.0 (10 slots, LC – 0.5 ppm) | 100 |
| 19. | Carbon Dioxide | TI | | 0 to 500 (LC – 5 & 10 ppm) | 100 |
| 20. | Fluorides | C | | 0, 0.2, 0.5, 1.0, 1.5 & 2.0 (6 Slots) | 100 |
| 21. | Swimming Pool | C | A/B/C | Res. Chlorine & PH (7.2 to 7.8) | 200 |
| 22. | Acidity | TI | | 0 to 500 (LC – 5 & 10 ppm) | 100 |
| 23. | Copper C | HR | | 1.0 to 10.0 (10 slots, LC–1.0 ppm) | 100 |
| 24. | Copper | C | LR | 0.05, 0.1, 0.2, 0.3, 0.4 & 0.5 (6 slots) | 40 |
| 25. | Zinc | C | | 1, 0.1, 0.2, 0.4, 0.6 & 1.0 (6 slots) | 100 |
| 26. | Sulphates | TI | | 0 to 150 (LC – 5 ppm) | 100 |
| 27. | Amines | C | | 0.5, 1.0, 2.0, 3.0, 4.0 & 5.0 (6 slots) | 40 |

TI = Titration, C = Comparator, LC = Least Count, HR = High Range, LR = Low Range

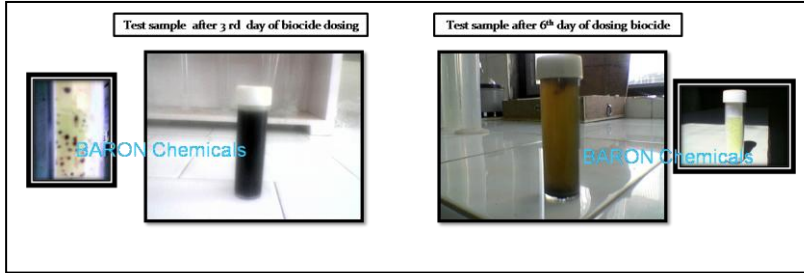
Calibrating Solutions

- a) Buffer pH - 4.0
- b) Buffer pH - 7.0
- c) Buffer pH - 10.0

d) Conductivity standards (140, 1400, 5000, 14000microS)

e) TDS standards (300, 1000, 1400, 5000 ppm)

2. DIP SLIDE (Biological Growth Testing)



We will provide the Dip Slid for the testing of following microbiological growth and It gives freedom to test bacteria at anytime and anywhere

- ❖ Total Bacterial Counts
- ❖ Pseudomonas
- ❖ Escherichia Coil (E. Coli)
- ❖ Yeasts
- ❖ Fungi
- ❖ SRB



3. Monitor Equipments

These are used to evaluate the effectiveness of chemical treatment programs

- ❖ Deposit Monitor Instrument
- ❖ Corrosion Test Rack
- ❖ Bio Test Rack
- ❖ Bio Test Coupon
- ❖ Corrosion Test Coupons (Brass, Copper, SS, MS, Cupronickel, Pre-treated, SS Mesh)



4. Dosing System

- ❖ Skid Mounted Dosing System



❖ Dosing Pump

Diaphragm Pump : It is positive displacement diaphragm metering pump operating at 230 V / 50 Hz supply. Solenoid push the diaphragm which in turn push the liquid into system. Sulphuric Acid & Chemical will be dose by these pumps

| Model Code | Capacity (Lt/ Hr.) | Injecting Pressure (Kg/Cm ²) |
|------------|--------------------|--|
| RA-10 | 2.5 | 10 |
| RA-11 | 5 | 5 |
| RA-12 | 6 | 3.5 |
| RA-14 | 10 | 3.5 |
| RA-15 | 5 | 10 |
| RA-16 | 15 | 3.5 |



Lab Accessories & Chemical s: BARON can supply all Laboratory Chemicals, Glass ware and equipments which can be used in Testing, Monitoring and R&D.