



### Product Features

- ▶ Use high standard quality of polyethylene or FRP (Fiber Reinforced Plastics) tank.
- ▶ Use high efficiency of chemical pump and mixer to feed smoothly.
- ▶ Highest efficiency fluctuation in pressures & flows do not affect operation.
- ▶ Easy to adjust external adjustment of dosing ratios.
- ▶ flexible units may be manifolded in series or parallel.

### Introduction of Chemical Feeding Unit

Chemical feeding unit are important for water quality to support completely the design of water and wastewater treatment system. This design unit can be widely applied to various types of chemicals such as acid, Alkaline solution, polymer, scale inhibitor, disinfection and etc.

Chemical feeding unit typically include measuring tank, mixer for diluting the concentrated solution, and chemical feed pump for distribution to application point.

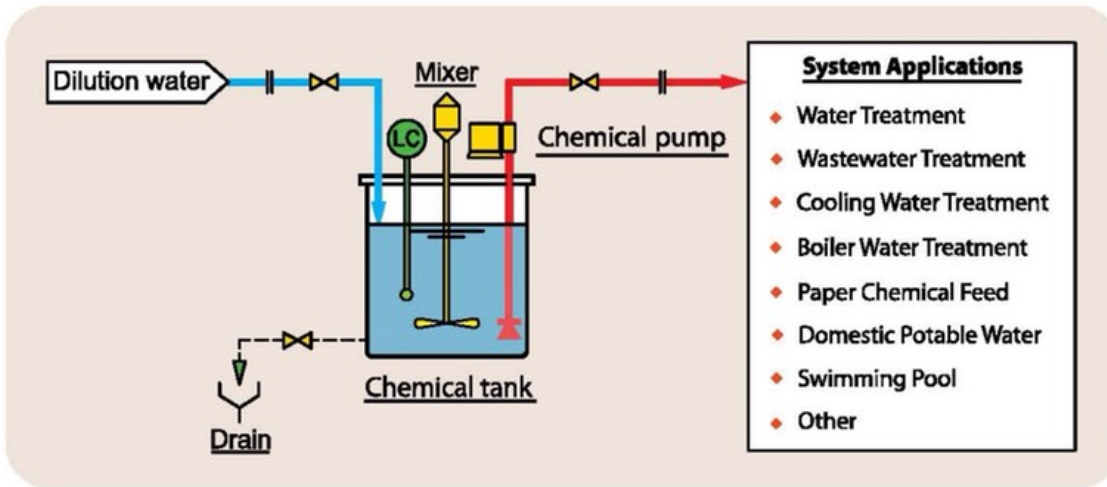
### Chemical applications

- |                                   |                                  |
|-----------------------------------|----------------------------------|
| ◆ NaOH                            | ◆ SBS                            |
| ◆ Ca(OH) <sub>2</sub>             | ◆ Polymer                        |
| ◆ HCl                             | ◆ UREA                           |
| ◆ FeCl <sub>3</sub>               | ◆ H <sub>3</sub> PO <sub>4</sub> |
| ◆ Alum                            | ◆ H <sub>2</sub> O <sub>2</sub>  |
| ◆ H <sub>2</sub> SO <sub>4</sub>  | ◆ Anti scale inhibitor           |
| ◆ NaOCl                           | ◆ Anti corrosion inhibitor       |
| ◆ NaCl                            | ◆ Anti slime inhibitor           |
| ◆ Na <sub>2</sub> CO <sub>3</sub> | ◆ Citric acid                    |
| ◆ CaHCO <sub>3</sub>              | ◆ And etc.                       |
| ◆ CaCl <sub>2</sub>               |                                  |

### Product Applications

1. Use for coagulation such as Alum, Ferric salt and PAC.
2. Use for flocculation such as Polymer(cationic, anionic and neutral).
3. Use for disinfection such as Chlorine (NaOCl).
4. Use for caustic feed system such as Caustic soda, Lime and Sulfuric acid.
5. Use for scale inhibitor in water treatment to prevent scale occurrence.
6. Use for pH adjust.
7. Other

## Flow Diagram of chemical feeding unit



### Product Specifications of Chemical Feeding Unit : CF model

Model	Chemical Tank	Chemical Pump	Mixer	Unit Dimension (W x D x H)	Empty Weight (kg)	Running Weight (kg)
CF - 01	PE 100 L	30 cc/min	SUS 304, 880 rpm x 0.18 kW	600 x 600 x 1500	80	230
CF - 02	PE 200 L	60 cc/min	SUS 304, 880 rpm x 0.18 kW	750 x 750 x 1500	95	390
CF - 03	PE 300 L	215 cc/min	SUS 304, 880 rpm x 0.37 kW	850 x 850 x 1600	115	560
CF - 04	PE 500 L	415 cc/min	SUS 304, 880 rpm x 0.37 kW	1100 x 1100 x 1800	125	870

\* Wide range of product besides above items are available.

\* All designs and specifications will be subject to change with or without prior notice.



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