



**Product Name :**  
Food Sub-Vertical CIP System

**Product Code :**  
EQUP-MC20079-0001

#### **Description :**

Food Sub-Vertical CIP System

#### **Technical Specification :**

CIP system is one of the prerequisites of food pharmacy production sanitary standards. it can remove the active mixed pollution and insoluble particles of impurity, reduce or remove the micro chemicals and heat source that pollute the productions. GMP requires CIP system in food and pharmacy industry, which limits related industries because the high expense in overseas completely automatically CIP system. The specialists in our company import and digest international advanced technique, and successfully make automatically CIP system with high automation, simple operation, and reasonable price.

#### **PERFORMANCE CHARACTERISTIC**

##### **? Flexibility And General Usage**

The system can undertake single process such as acid cleaning, alkali cleaning, and hot water cleaning, and also can take completely automatic cleaning according to the cleaning process designed. Besides, it can control the growing of micro chemicals. semi-automatic or fully automatic equipments can be made to order.

##### **? Economics And High Efficiency**

This equipment greatly reduces the cleaning time and increases the work efficiency compared with cleaning by hand; the use of cleaning liquid and water is more reasonable; meanwhile steam cost is relatively small, so to make full use of energy, and reduce the cleaning cost.

##### **? Safety And Reliance**

Dense acid liquid and alkali liquid are in the berried acidity pot and alkali pot; the liquid position is automatically controlled, fixed with overflow protecting system; and unique material outlet construction can stop crystallization from the cleaning liquid to stop the pipe.

##### **? Matured Plc Controlling System**

Years of experience accumulation enhances the programs. Imported qualified controlling part can keep the system operate steadily for a long time; friendly interface between people and machine shortens the training time of the operators, and shows directly work condition of key parts of the machine; easily understandable interface

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can cooperate the operator the make decision,and deal with the common problems,so to ensure the machine return to work in time.

#### Performance Characteristic

##### Flexibility And General Usage

The system can undertake single process such as acerbity cleaning, alkali cleaning, and hot water cleaning, and also can take completely automatic cleaning according to the cleaning process designed. Besides, it can control the growing of micro chemicals. Half automatic or complete automatical equipments can be made to order

##### Safety And Reliance

Dense acerbity liquid and alkali liquid are in the berried acerbity pot and alkali pot; the liquid position is automatically controlled, fixed with overflow protecting system; and unique material outlet construction can stop crystallization from the cleaning liquid to stop the pipe

##### Economics And High Efficiency

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##### Matured PLC Controlling System

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|----------------------------------|---|
| Alkali pot                       | Material 304,conic top and tonic bottom,thickness: 50mm,keeping warm    |
| Acerbity pot                     | Material 304,conic top and tonic bottom,thickness: 50mm,keeping warm    |
| Hot water pot                    | Material 304,conic top and tonic bottom,thickness: 50mm,keeping warm    |
| Clean water pot                  | Material 304,conic top and tonic bottom,thickness: 50mm,keeping warm    |
| Dense acerbity and alkali pot    | Nateruak 316,single layer,plate top and plate bottom pot or berried pot |
| Advancement pump                 | Material 316,flow: 20m3/h,lift: 36m,electric motor:5.5kw                |
| Dese acerbity and alkali pump    | Material 316,flow: 1000L/h  |
| Steam motored film pump          |   |
| Plate heat exchanger             | Material304   |
| Filter                           | Material304   |
| Returning pump,self-priming pump | Material 316,flow: 20m3/h,lift: 20m,electric motor:4kw                  |
| Controlling cabinet              | The shell is stainless;controlling method can be made to order.         |

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