

SMALL SCALE INTEGRATION CIP SYSTEM

小型一体式CIP系统

通用设备
Common Equipments

概述

清洗液的加热用人工操作来实现；当清洗液的浓度达不到清洗浓度时，向酸液罐和碱液罐中添加浓酸和浓碱，也是人工来实现的；清洗时CIP液的输送也是通过人工操作相应的管路阀门进行的；罐内缺水时进行人工补水。

优点：就是设备资金的投入不大，对操作工人的专业知识要求不高，只要作适当的培训就可以进行生产。

缺点：自动化程度低，长远来看对人力投入大；对清洗液的温度控制不精确；浓酸和浓碱的人工加入导致生产的安全系数的降低；生产效率低。

由于投资的成本不高，应是国内小型乳品和饮料等投资不是很大的工厂的首选。

Description

Operators start heating of cleaning liquids. When concentration of cleaning liquid is not up to the concentration of cleaning, operator will add thick acid liquids or thick alkali liquids to acid tanks or alkali tanks. During cleaning, CIP liquids are fed through pipes and valves by operators. Operators shall add water into tanks when they are in shortage of water.

Advantages: small investment on equipments and lower professional knowledge requirements on operators. After proper training, operator will be able to operate.

Disadvantages: low automation. In a long run, investment on humans' labor is high. Control on temperature of cleaning liquid is not precise. Manual adding of thick acid and thick alkali reduces safety in production, and producing efficiency is low.

For low investment, it is a good choice for small manufacturers enterprises of dairy products and beverage



技术参数 Technical Parameter

型号Model	SCIP-0.5	SCIP-1	SCIP-1.5
酸罐 Acerbity pot	500L	1000L	1500L
碱罐 Alkali pot	500L	1000L	1500L
水罐 Water pot	500L	1000L	1500L
泵流量 Pump flow	10m ³ /h	15m ³ /h	20m ³ /h
泵扬程 Pump lift	36m	36m	36m
泵功率 Pump motor	2.2kw	4kw	5.5kw
加热板片 Heating plate	6m ²	8m ²	10m ²
外形尺寸 Size	2900x1000x1700mm	3000x1200x1850mm	3200x1400x2000mm
设备重量 Weight	350kg	420kg	480kg

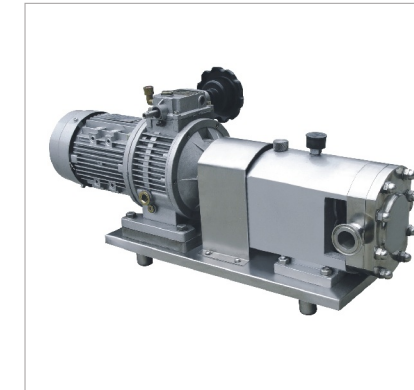
通用设备
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SINGLE-UNIT SERIES

单机系列



卫生级离心泵
Sanitary Centrifugal Pump



凸轮转子万用输送泵
Universal Cam And Rotor Conveying Pump



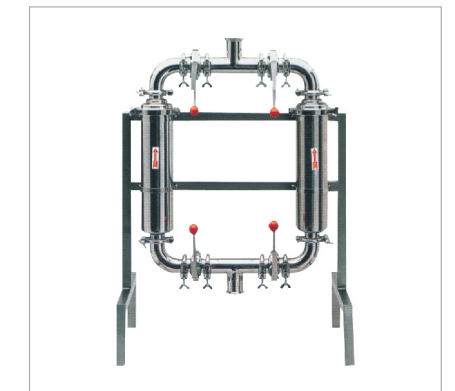
自吸泵
Self-priming Pump



奶槽
Milk Weighing Tank



胶体磨
Colloid mill



双联管道过滤器
Double connected pipe-filter



水粉混合机
Water - Powder Mixer



高压均质机
High pressure homogenizer



净乳分离机
Milk Separator