

UIC Process Module #17



Manufactured by:

Uyemura International Corporation (UIC)

General Description:

This module was originally part of a larger manual plating line, which included (17) modules similar in size and configuration. These modules were designed based on a modular type concept. Each “system” is stand-alone, including its own tanks, plumbing, controls, and accessory equipment.

This module is constructed from 1/2” gloss white polypropylene. It is designed for maximum accessibility to all components with smooth, unobstructed surface areas, easy to wipe clean.

Dimensions:

Overall Dimension: 84” Left to Right x 48” Front to Back x 76” High

Tank size: 21-3/4” Wide x 24” Long x 28” Deep

Process Work Flow: Right-to-Left

Process Stations Descriptions: (from right to left)

Station 1 - Process tank, equipped with:

- Polypropylene tank
- Bottom drain with ball valve
- Teflon steam heating coil (bottom mounted)
 - ASCO solenoid with Y-strainer
- Digital indicating temperature controller (Love Controls brand)
 - On/Off switch with heat indicating light
- Rear exhaust

Station 2 - Overflow Rinse

- Polypropylene tank
- Bottom drain with ball valve
- Overflow weir
- Rear exhaust ventilation
- Water fill line with ball valve
- GFCI Duplex Receptacle

Station 3 - Counterflow Rinse (1st Stage)

- Polypropylene tank
- Bottom drain with ball valve
- Overflow weir
- Receives overflow from 2nd stage (Station 4)

Station 4 - Counterflow Rinse (2nd Stage)

- Polypropylene tank
- Water fill line with ball valve and flowmeter
- Bottom drain with ball valve
- Side overflow to 1st stage (Station 3)