

*Proceco's core strength of engineering know-how and its commitment to providing unmatched value in the design, manufacture and support of integrated cleaning systems has resulted in the introduction of a new generation of Pharmaceutical Equipment Cleaning Systems – PECS.*

## Pharmaceutical Equipment Cleaning System

**SPECIFICALLY DESIGNED FOR CLEANING AND DRYING OF PACKAGING CONTACT PARTS**

The PECS is a validatable, multi-stage, batch-type cleaning system designed to ensure repeatable product cleanliness quality. The PECS's fully enclosed stainless steel construction, features a double door design for operation between a clean room and non-clean room environment, to reliably

maintain maximum cleanliness standards. The PECS can clean a wide variety of contact parts including slats, scoops, brushes, trays, and offers quick change-over for different contact parts. The PECS also features manual and electronic cleaning cycle records to meet cGMP requirements.



**PROCECO**®  
Integrated Cleaning Solutions

# Pharmaceutical Equipment Cleaning System

## Standard Features

- Complete stainless steel construction, #4 finish for sheets
- Rinse and drain tanks are removable for clean-out
- Detachable center spray manifold for effective cleaning of difficult workpieces
- Easy to clean/replace quick-change spray nozzles
- Steam heating
- Spinning nozzles for cabinet wash down
- SS316 air knives are easily removed (Tri-clover type connection) for cleaning
- High efficiency motors to NEMA design B standards
- High limit temperature shut-off to protect sensitive workpieces
- Safety limit switch on spray cabinet door prevents pump operation with doors open
- Allen Bradley SLC 5/03 PLC with storage capacity up to 20 cleaning recipes with Panelview 550 operator interface
- Nema 4x control panel
- Pressure transducer for pump monitoring by PLC
- Orbital welding for SS 316 piping joints
- Tri-clover fittings for easy disassembly
- Quick-change SS 316 V-jet spray nozzles provide better cleaning coverage and more efficient cleaning then drilled manifolds

## Options

- Electric heating
- Allen Bradley 5/05 PLC to include a modem for remote diagnostics
- Panel mounted printer records cleaning batch information
- Double doors for flow through handling
- Space-saving horizontal sliding doors
- Multi-tank recirculation system to minimize detergent, energy and waste
- Stainless steel fascia trim to cover opening and make transition with customer's finished walls and ceilings
- Load trolley to hold fixtures with self-locking latches to prevent movement for easy load and unload
- Fixtures available for slats, brushes, slat counter components, electronic counter contact parts, scoops and custom fixtures
- Electro-polish finish

## Specifications

<i>Cleaning envelope</i>	<i>36" Ø x 50" high</i>
<i>Loading height</i>	<i>35"</i>
<i>Maximum load</i>	<i>200 lbs.</i>
<i>Overall dimensions</i>	<i>8'6" H x 5'6" W x 10'9" L</i>

