

# CLEAN ROOM PRESS

Pharmaceutical • Life Science • Regenerative Medicine • Surgical

## Clean Room Compliant

Equivalent to Class 100

## Quiet Operation

Noise Level Reduction  
40db (A) or more!

## Element Service Indicator

## Lubrication FREE Wear Surfaces

## Stainless Steel Construction

Stainless and powder coated  
machine guards

## Precision Square Ram with Wiper System

## Options Include:

- Custom Upper & Lower Platen
- Custom dimensions for stroke, open height and throat depth
- Computer Capabilities
  - Force Monitoring
  - Real-Time Data Logging

## Recent Applications Include:

- Tissue Cutting/Sampling
- Implant Assembly
- Medical Device Assembly

***Complete TurnKey Solutions Available - Right Out of the Box!***

# AIM JORACO



# CLEAN ROOM PRESS

Pharmaceutical • Life Science • Regenerative Medicine • Surgical

## What Level of Clean Room do you Require?

### Level One (CR-1)

#### EXHAUST AIR CLEANLINESS:

Equivalent to ISO Class 5  
(Class 100 Fed.std.2090)

(This can differ depending on the  
operating conditions.)

Particles of 0.3  $\mu\text{m}$  or larger  
(3.5 particles/ $\ell$  or less)

Since it is possible to release exhaust air from  
pneumatic equipment directly into a clean room,  
piping to exhaust ducts is unnecessary.

#### Worry Free Two Stage Element Construction

After the first element is saturated with oil,  
the oil flowing into the secondary side is  
collected by the second element. This  
prevents discharge to the outside  
for a fixed time.

#### SPECIFICATIONS

Fluid	Compressed Air
Element upstream pressure	0.1 MPa or less
Ambient and fluid temperature	5 to 50°C
Filtration degree	0.01 $\mu\text{m}$ (trapping efficiency 95%)
Downstream cleanliness	Particles of 0.3 $\mu\text{m}$ or larger: 100 particles or less/ $\text{ft}^3$ (35 particles or less/10 $\ell$ (ANR))
Element life	One year from first use (or when upstream pressure reaches 0.1 MPa, even if less than one year from first use)
Element life indication (saturated with oil)	Element color indication (replace if red dots appear on the element surface, even if less than one year from first use.)
Element construction	Two stage element
Silencing effect	40 db (A) or more

### Level Two (CR-2)

#### EXHAUST AIR CLEANLINESS

PLUS

#### STAINLESS STEEL CONTACT SURFACES:

Stainless Steel Ram with Wiper System

Stainless Steel Bolster Plate

### Level Three (CR-3)

#### EXHAUST AIR CLEANLINESS

AND

#### STAINLESS STEEL CONTACT SURFACES

PLUS

#### COMPLETE STAINLESS STEEL:

Stainless Steel Frame

Stainless Steel Hardware & Fasteners

Call TODAY for a Quote!

**1-888-889-4287**

or email [sales@joraco.com](mailto:sales@joraco.com)

**AIM JORACO**