

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



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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 μm or larger
(3.5 particles/ ℓ 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 μm (trapping efficiency 95%)
Downstream cleanliness	Particles of 0.3 μm or larger: 100 particles or less/ ft^3 (35 particles or less/10 ℓ (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

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