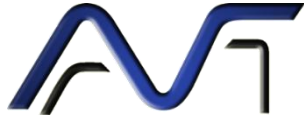


AuVitronics Limited.....People for polymers.



AuVitronics Limited

- AuVitronics was established in 1983 as an Audio & Video Cassette manufacturing facility. Cognizant of the fact that cassette is dying business, Strategic decision to diversify into auto parts was made in year 2000. In 2010 cassette manufacturing business was fully closed.
- Another strategic decision was made in the year 2013 to further diversify into packaging business catering Pharma & FMCG sectors.
- AVT has over 900 employees and take pride on providing significant employment to female which is around one third of the work force.
- Our corporate motto is customer trust, based on prompt service and consistent high quality.

Manufacturing Plant 01 : HUB



- *5 acres of land*
- *Covered area is 200,000 sq./feet*

Manufacturing Plant 02 : Port Qasim



- *25 acres of land*
- *150,000 sq feet of covered area.*

AVT, a HUB of Technologies spinning around injection molding

- *Injection Molding*
- *Injection Blow Molding*
- *PET pre form molding*
- *Stretch Blow Molding*
- *Clean room Molding.*
- *Spray Coating.*
- *Short wave infra red baking*
- *Hydrographic Printing.*
- *Integral skin PU foaming*
- *Expanded Poly Propylene*
- *Vacuum Metalizing*
- *Vibration Welding*
- *Hot plate welding*
- *Hot melt joining*
- *Ultrasonic Welding*
- *Precession Assembling*
- *Climatic Testing*
- *Vibration testing*
- *Continuous clean room particle counting*
- *Bio burden counting*

Auto

Building Materials

Packaging



PET / HDPE / LDPE / PP
Containers for Eyedrops, Syrups and Tablets



Manufacturing under
Technical Licence of
OHSUNG Korea

Email: avt@auvitronics.com, Ph: 021-34312322, www.auvitronics.com

Leaders in manufacturing
of precision plastic parts
now offering world class

Healthcare Packaging Products.



Under the umbrella of a very strong & reputable group, product quality & suppliability is ensured, while the use of medical grade plastic is guaranteed.



Major Features & Benefits to the Customers:

- Eye drop bottles produced under aseptic environment, needs no further sterilization.
- Syrup bottles production under clean room eliminates pre cleaning process at filling machine.
- High quality bottle printing eliminates label pasting after filling.
- Specially designed leakage seal ensures zero leakage, without additional in-cap seal/heat seal process.
- Innovative two piece pilfer proof seal protects counterfeiting.

Range of Products – Packaging (Eye Drop Container)

- Bio burden/Gama rediated/Eto sterilization



**Pilfer Proof Seal -
A Barrier for Counterfeit
Medicines**

Range of Products – Packaging (Syrup Bottles)

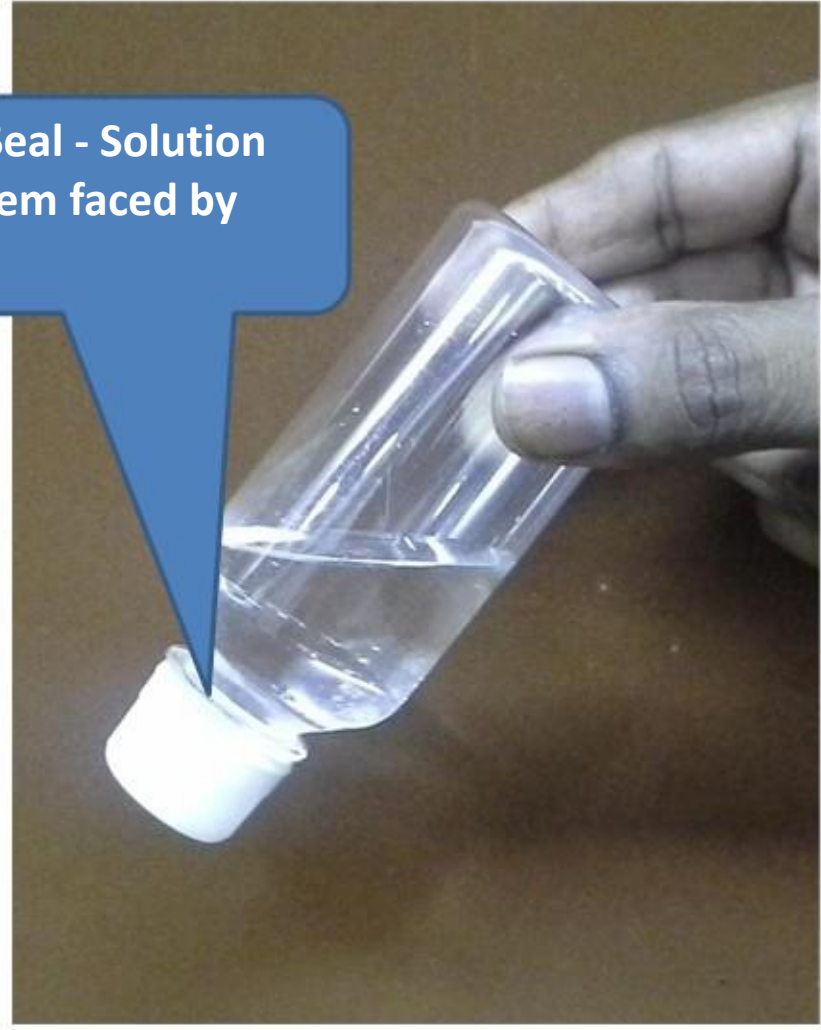


Range of Products – Packaging (Syrup Bottles)

- Ranging from 60 ml to 120 ml



**Leakage Proof Seal - Solution
for Major Problem faced by
Industry**



Technical Assistance / Collaboration

AVT is taking technical assistance from world renowned organizations, which are as under :

- *Koito Manufacturing Co. Ltd. Japan*
- *Toyoda Gosei Co. Ltd. Japan*
- *Cubic Company Limited Japan*
- *Murakami Corporation Japan*
- *EP Moulds & Dies Malaysia*
- *Krauss Maffei Germany*
- *Auto Korea- Korea*
- *OH Sung Plastic Co. Ltd. Korea*

The logo for Koito Manufacturing Co. Ltd. features the word "Koito" in a bold, red, sans-serif font.The logo for Toyoda Gosei Co. Ltd. consists of a red stylized "TG" monogram above the words "TOYODA GOSEI" in a smaller, blue, sans-serif font.The logo for Cubic Company Limited features a stylized blue and white circular emblem above the word "CUBIC" in a bold, black, sans-serif font.The logo for Murakami Corporation includes a red stylized emblem on the left and the word "Murakami" in a black, sans-serif font.The logo for Krauss Maffei Germany features the company name "Krauss Maffei" in a blue, sans-serif font.The logo for AutoKorea Co., Ltd. features a stylized blue and red emblem on the left and the company name "AutoKorea Co., Ltd." in a black, sans-serif font.The logo for OH Sung Plastic Co. Ltd. features a blue oval emblem with a white lightning bolt and the text "OH SUNG" on the left, and the Korean text "(주)오성프라스틱" on the right.

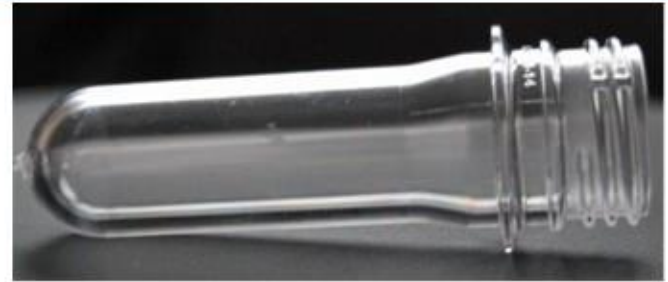
Manufacturing Facilities : Injection stretch Blow



Manufacturing Facilities : Stretch Blow



Manufacturing Facilities : PET Preform



Manufacturing Facilities : full down draft class 100 clean room



Manufacturing Facilities : Clean Room manufacturing facility



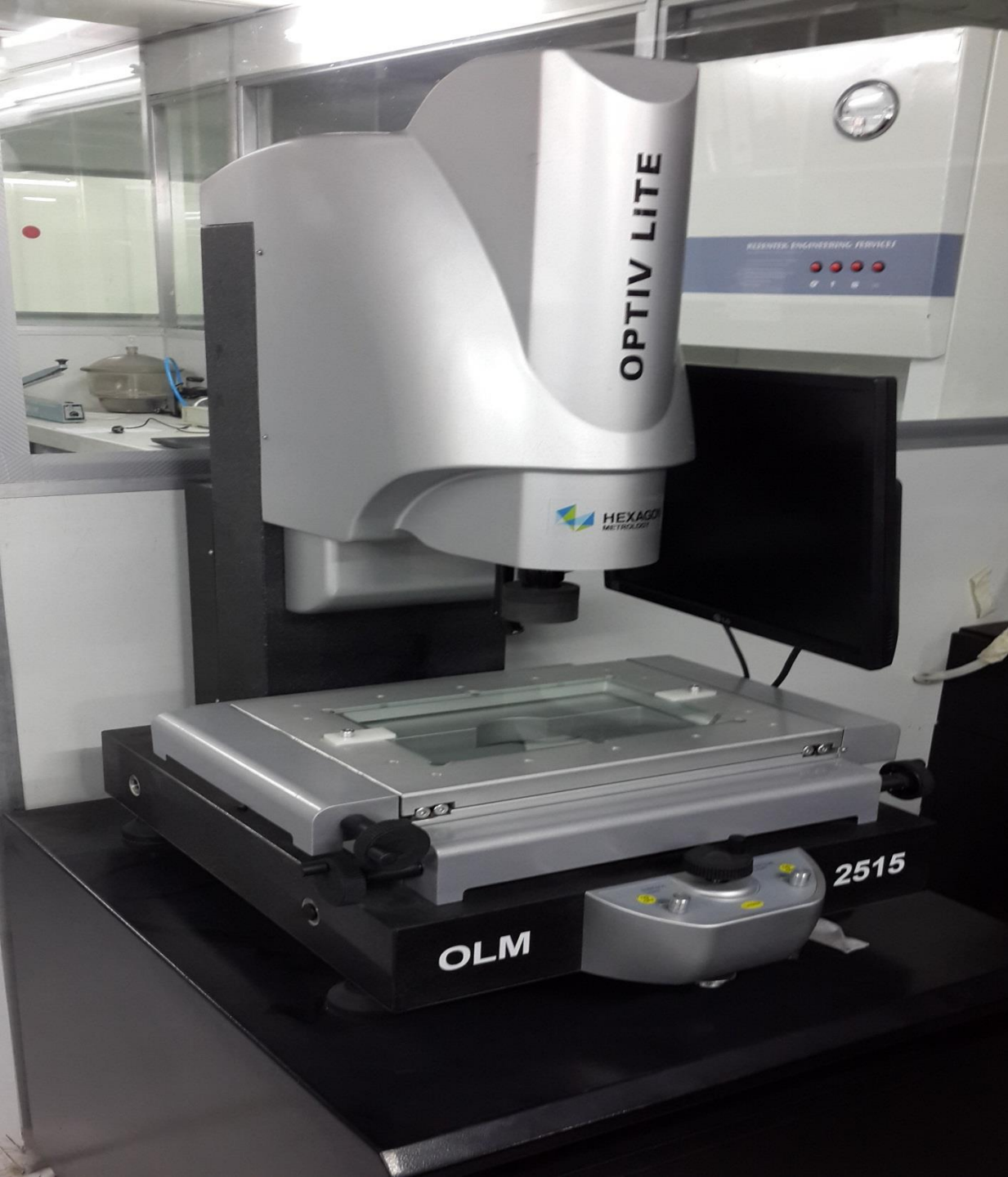
ETO STERILIZATION FACILITY



Electric driven injection molding facility



- *Precision molding controls*
- *Ensuring minute details.*



Visual measuring machine

*- 180 x times magnified
image monitoring to
visualize the size of the
image of the bottles.*

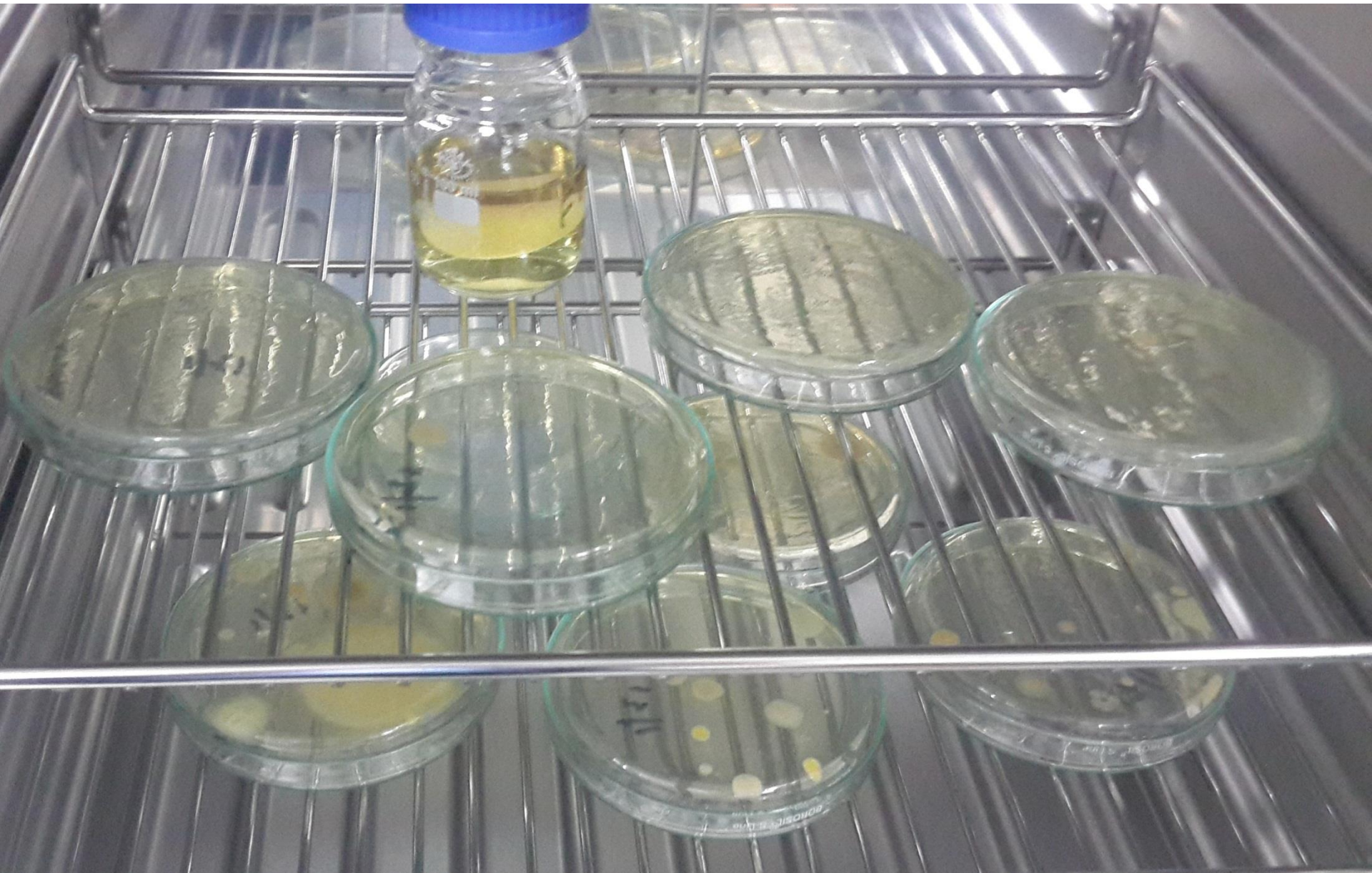


Continuous particle monitoring

-Measuring the particle quantity

*-100 dust particles per sq/m are allowed.
More than this would dis qualify the room for
class 100 facility.*

COLONY TEST



leakage test



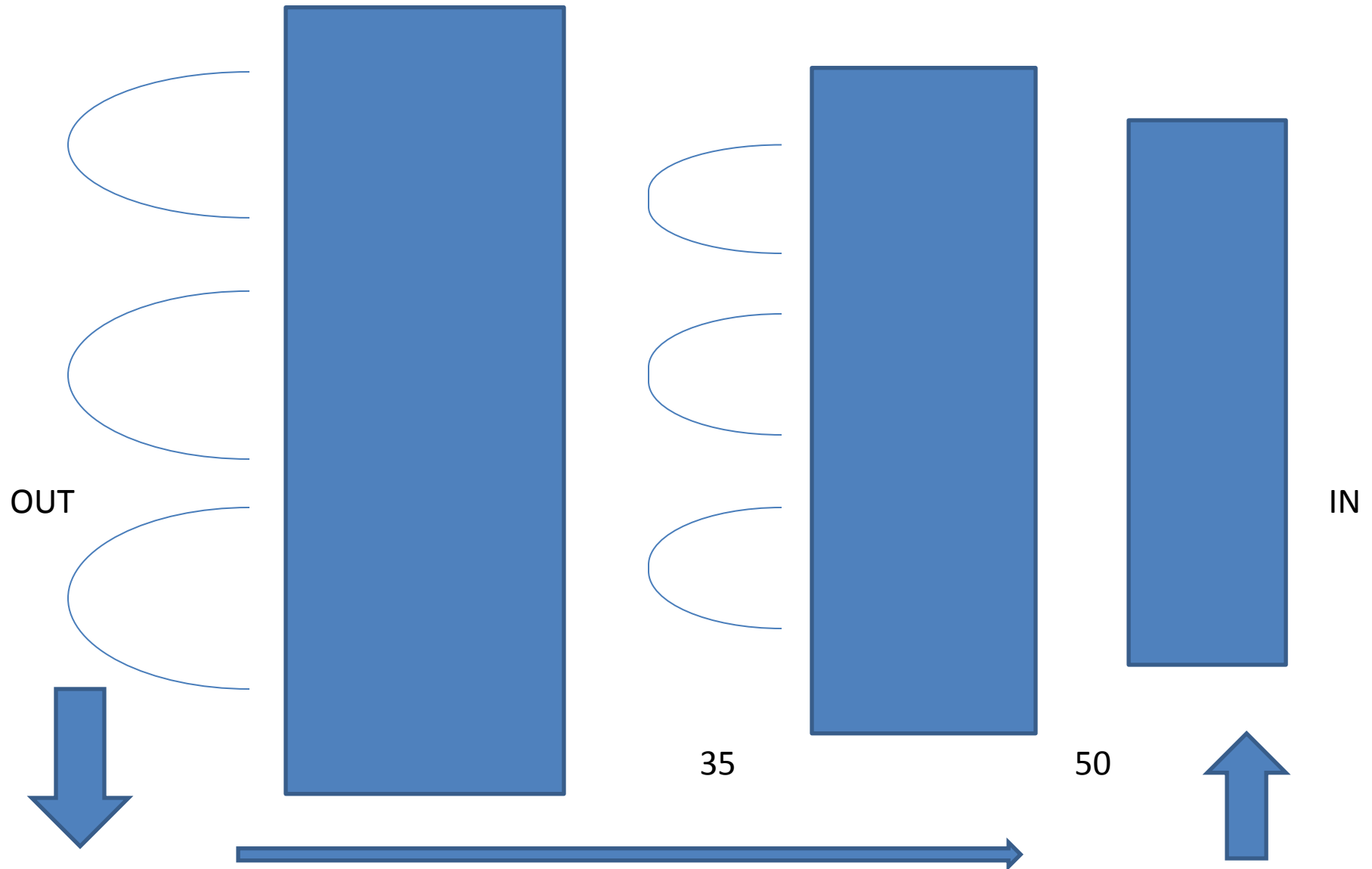
Under vacuuming through desecrator (glass jars vacuuming) 15 psi pressure

- **Laboratory test systems**
- *Micro testing is available- bacteria and bio burden test*
- *Micro lab facility, quality assurance (QA TEST) : dimension, functionality test*

Sterilization process and chemicals



Air flow and filtration system



Man and material flow for clean room



Caps and seals



Printing





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MANUFACTURING UNIT - 01

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Fax:	(92 853) 303013
Email:	avthub@auvitronics.com



MANUFACTURING UNIT - 02

Location	Plot No. SP-6, nwiz / P-133/C, North West Industrial Zone PORT QASIM AUTHORITY, Karachi, Sind
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