

MEDICAL CONTRACT MANUFACTURING

Clean Room Injection Molding,
Assembly & Injection Tool Shop

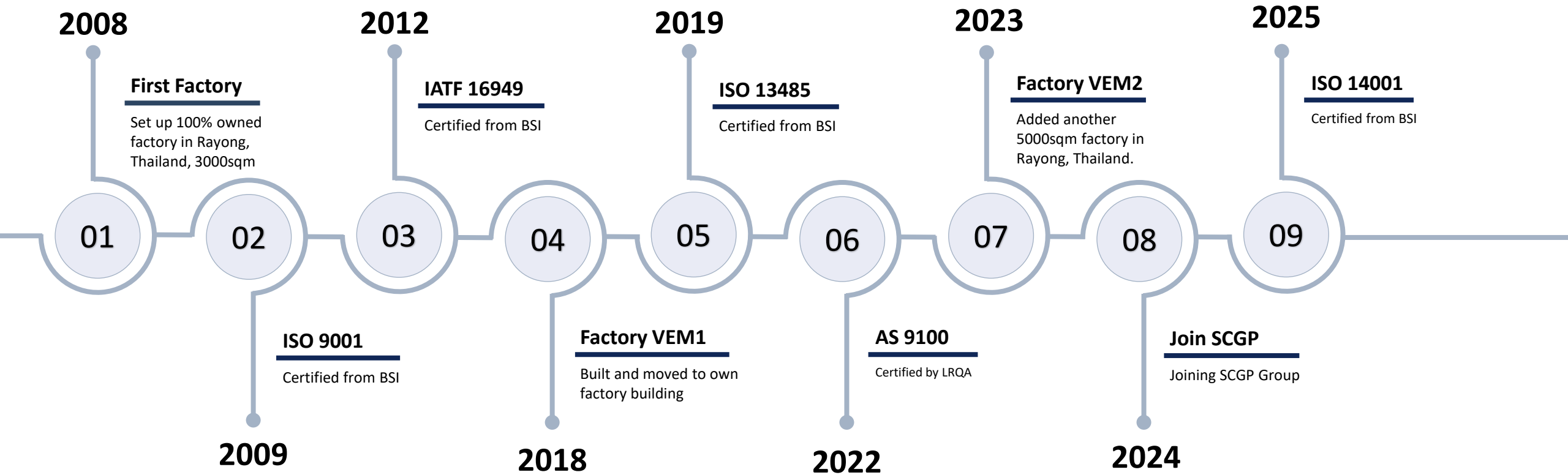


VEM Thailand is part of the SCGP Group, in their Medical Supplies & Labware sector.

- Full packaging solutions
- Access to Experts in various fields
- Strong supplier network in Southeast Asia
- Compliance & Balance sheet security



Access to world-wide network of tool manufacturing facilities and tooling expertise, within the VEM Group (over 9000 tools built).



Environmental Sustainability

- VEM Thailand factory 1 is fully equipped with Solar panels.
- VEM Thailand factory 2 is fully equipped with Solar panels.





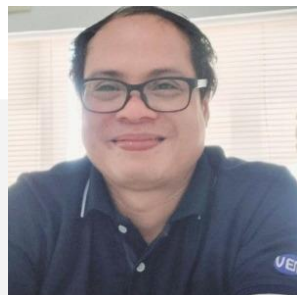
Siwarak Lomchid
Director - Business



Milind Patil
Director - Operations



Nagesh Rangaiah
Dep. Director - Manufacturing



Narasil Kaewson
QMR Manager



Jerald Raja
Production manager




Certificate of Registration

ENVIRONMENTAL MANAGEMENT SYSTEM - ISO 14001:2015

This is to certify that:
VEM (Thailand) Co.,Ltd.
 427 Moo 2, Mapyangporm,
 Pluakdaeng,
 Rayong
 21140
 Thailand

Holds Certificate Number: **EMS 807766**
 and operates an Environmental Management System which complies with the requirements of ISO 14001:2015 for the following scope:
 The manufacturing of Plastic Injection Parts and Assembly.




Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 13485:2016 & EN ISO 13485:2016

This is to certify that:
VEM (THAILAND) CO., LTD
 427 Moo. 2 Mapyangporm,
 Pluakdaeng,
 Rayong
 21140
 Thailand

Holds Certificate Number: **MD 683191**
 and operates a Quality Management System which complies with the requirements of ISO 13485:2016 & EN ISO 13485:2016 for the following scope:
 The manufacture of plastic injection parts and assembly for medical ventilator system.

Thailand

- ISO 9001
- ISO 13485
- ISO 14001
- IATF 16949
- AS 9100
- ISO class 7 clean room
- 2x ISO class 8 clean room




CERTIFICATE OF COMPLIANCE

VEM (Thailand) Co., Ltd.
ISO Class 7 Cleanroom, In Operation




CERTIFICATE OF COMPLIANCE

VEM (Thailand) Co., Ltd.
Cleanroom#2
ISO Class 8 Cleanroom, In Operation




CERTIFICATE OF COMPLIANCE

VEM (Thailand) Co., Ltd.
Cleanroom#3 (VEM 2)
ISO Class 8 Cleanrooms, In Operation

Support your product development with:

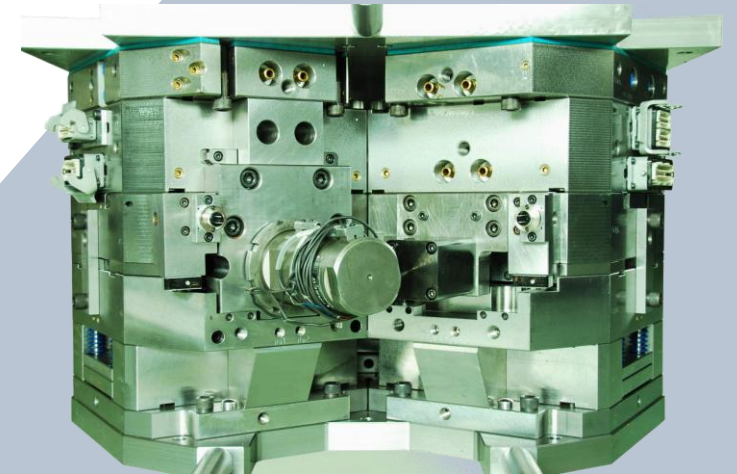
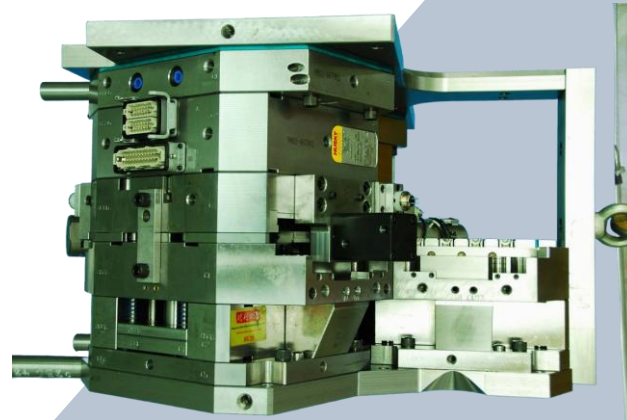
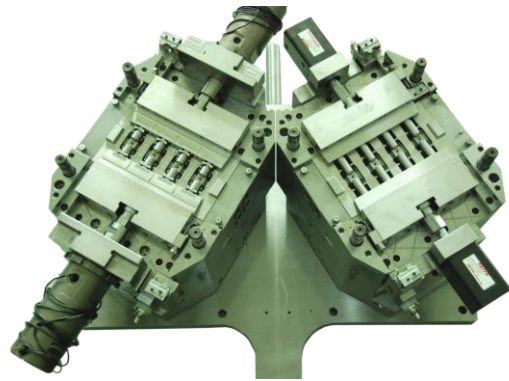
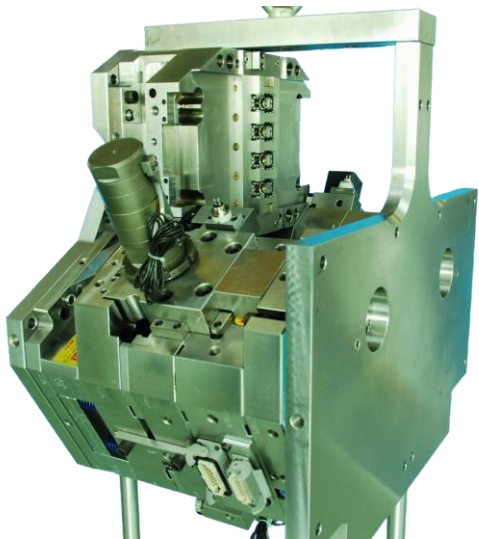
- Help sourcing ROHS/ REACH/ USP class VI compliant materials
- Biocompatibility and Cytotoxicity testing certificate of raw materials
- FMEA and DFM to identify and eliminate potential problems in manufacturing
- Support 3D printed prototypes

Validate the product and manufacturing capabilities
Quick and efficient prototyping technologies:

- Soft steel prototype molds
- Aluminum prototype molds
- 3D printed prototypes (Steel and Plastic)

Expertise in:

2K Molds, Multi cavity molds, High precision molds



Mold Maintenance:

Internal maintenance & modification capabilities



3D Steel Printing

- Mold steel inserts
- Optimized conformal cooling channels
- Significant reduction in production cycle time



VEM Europe EOOD

Plovdiv, Bulgaria



Factory Tour:
<https://youtu.be/4EqW5crDHOQ8>

VEM Tooling (Shenzhen) Co. Ltd

Shenzhen, China



Factory Tour:
<https://youtu.be/57rX3deD1AQ>

VEM Tooling (India) Pvt. Ltd

Pune, India



Factory Tour:
https://youtu.be/gqGn127U_h8

35+ Injection molding machines

Machine range 5 TON to 850 TON

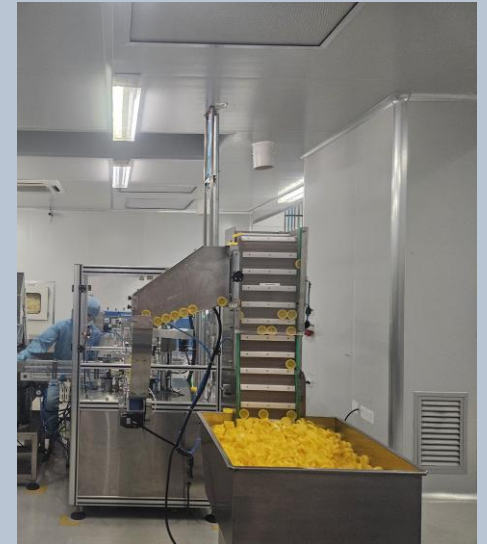
Fully equipped with desiccant dryers, HR controllers, MTC,
Bimetallic barrel



Clean Room ISO 7 / Class 10,000 (Video tour: https://youtu.be/E7YxorH8R_8)



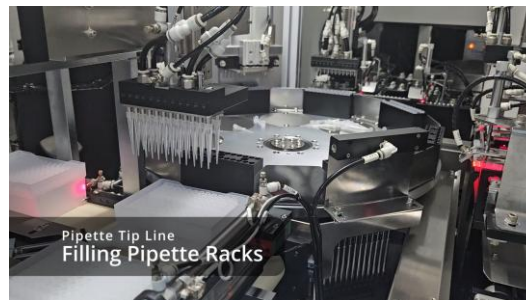
High Level of Production Automation on our product lines.



Clean Room ISO 8 / Class 100,000 Molding (Video tour: <https://youtu.be/ZEjtp-krXD4>)



Automated Pipette Tip Manufacturing & Packaging Line (Video tour: <https://youtu.be/KWzLKwtBtI0>)



Manufacturing line for 3 component Syringes, Hypodermic Needles and Safety Needles



Sterilization

Local Sterilization partners:

EO / EtO -> Siam Steri Services Co. Ltd.

E-Beam -> Advance Sterilization Co. Ltd.

Secondary operations that we offer

In addition to many types of injection molding, we offer:

- Assembly
- Pad Printing
- Ultrasonic Welding
- Automation
- Testing

Assembly Example Ventilator Connector

Injection Molding



Over Molding



Assembly



Testing



Final Packaging



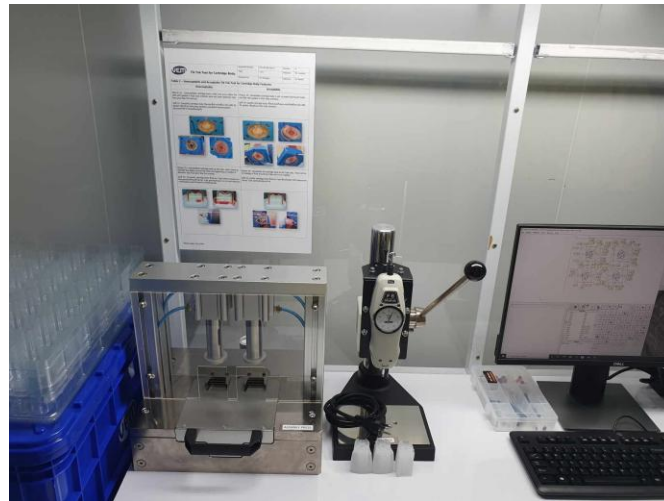
Process qualification as per medical standards (ISO13485)

- **Installation Qualification**
- **Operation Qualification – using DOE**
- **Performance Qualification**

Fully equipped measurement laboratory

SPC online wherever needed

Inspections 24 hours



We ship all over the world

INCOE Terms as required by customers





Edwards



Our Clients

Point-of-care PCR Home Device



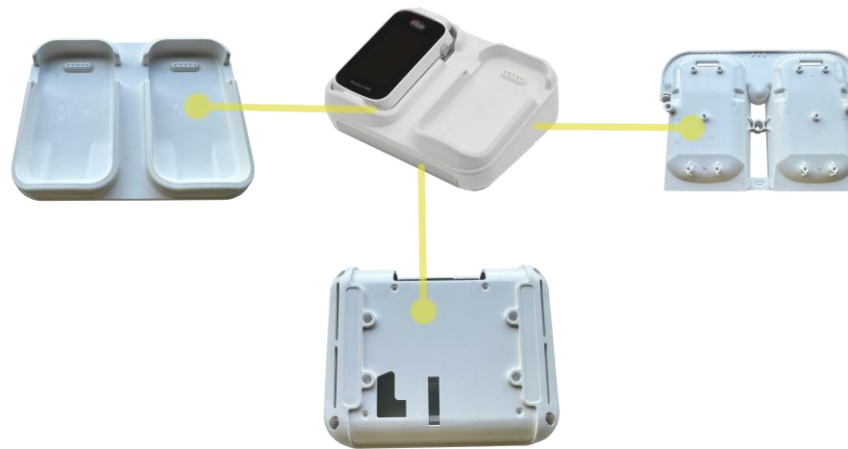
Consumable Parts for Auto-Ventilator



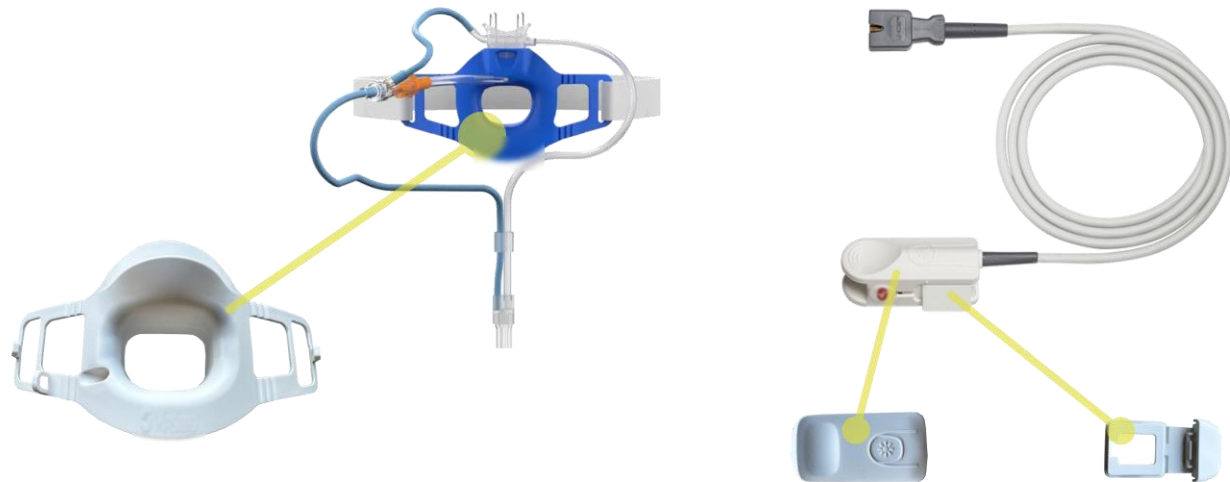
Consumable Medical parts

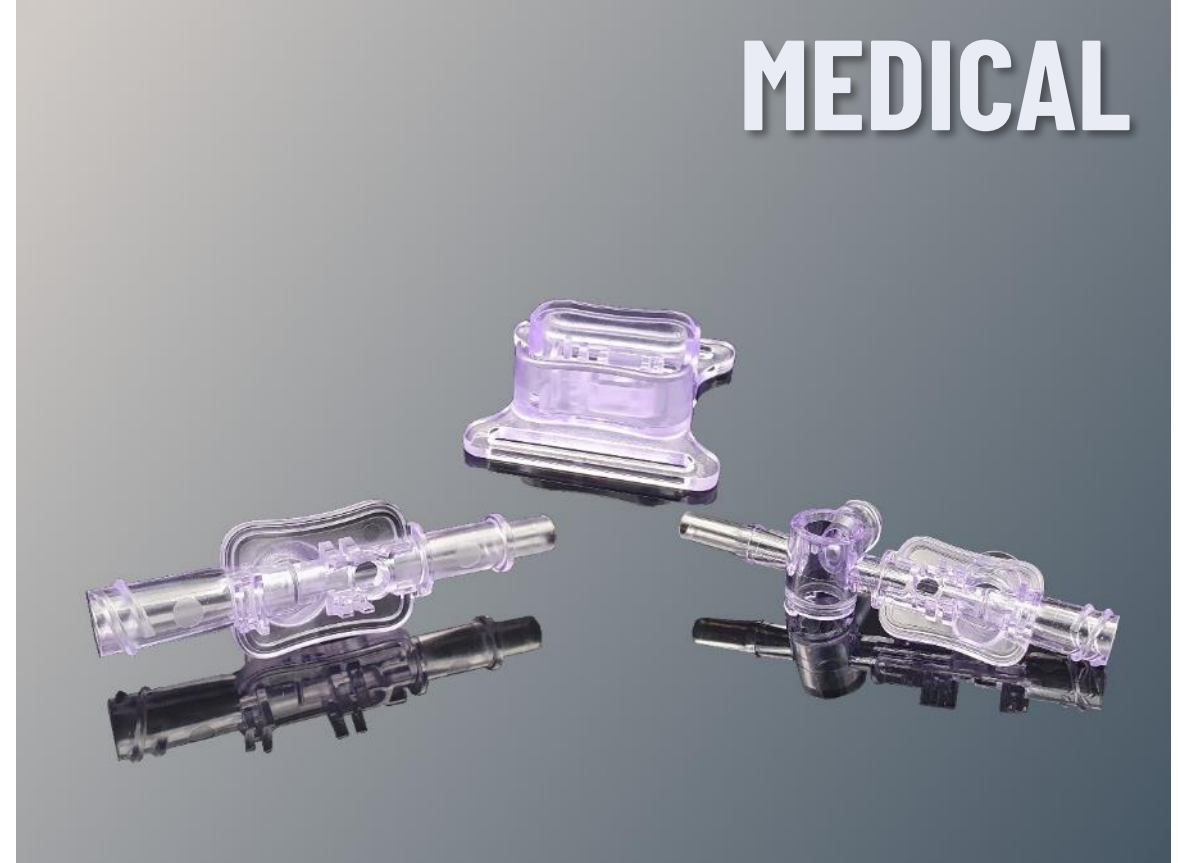


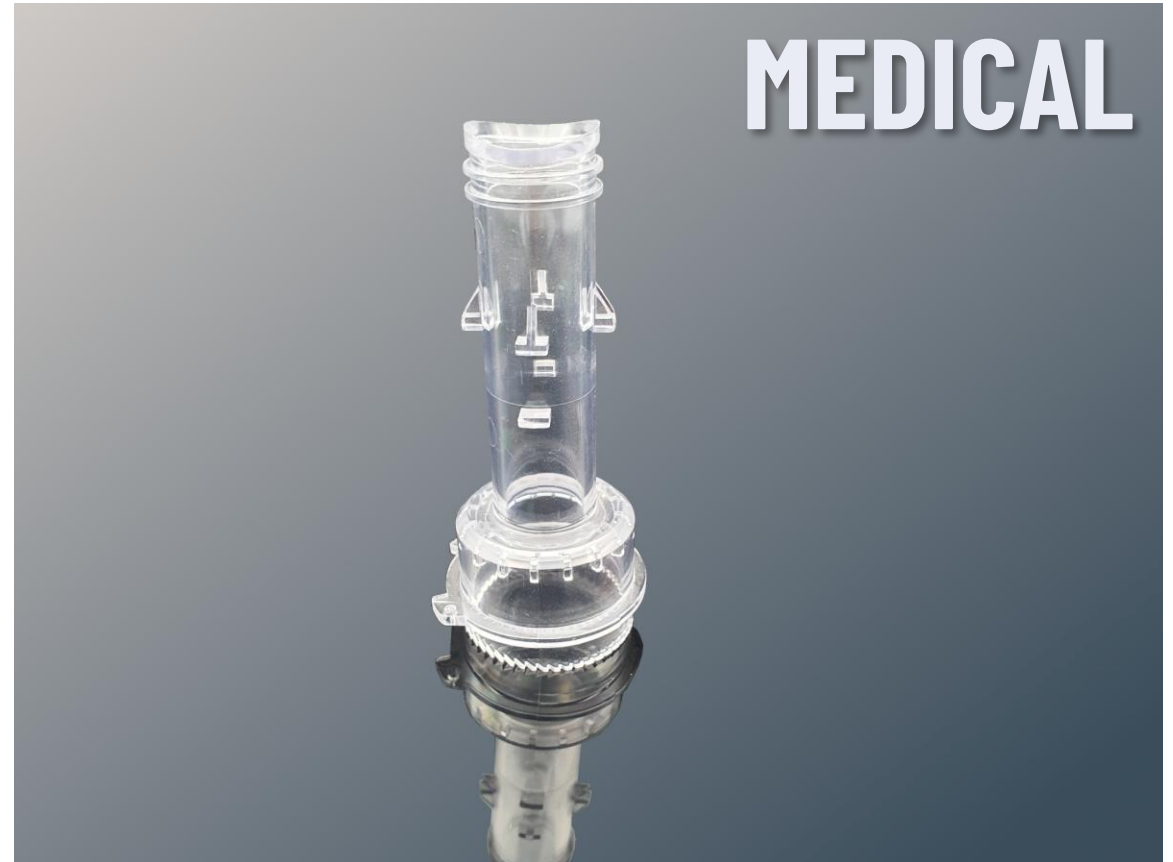
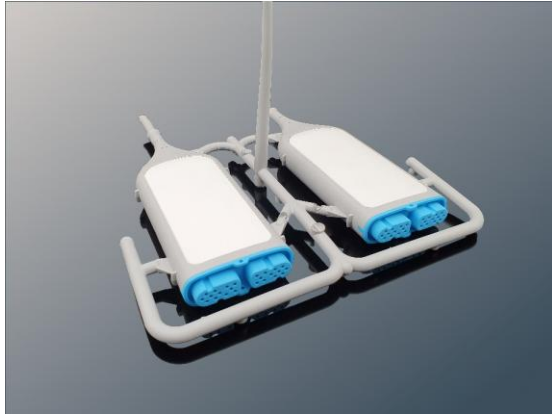
MedTech housing systems



Bite blocks & shell emitter









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