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RUSSIA



Global presence in 5 countries and 3 continents

Strong customer base in Medical Industries



Trusted partner in the journey from conceptualizing product, mold making and injection molding to assembly

AUSTRALIA





20+ Years of experience

Team of highly experienced Managers and Experts in the field

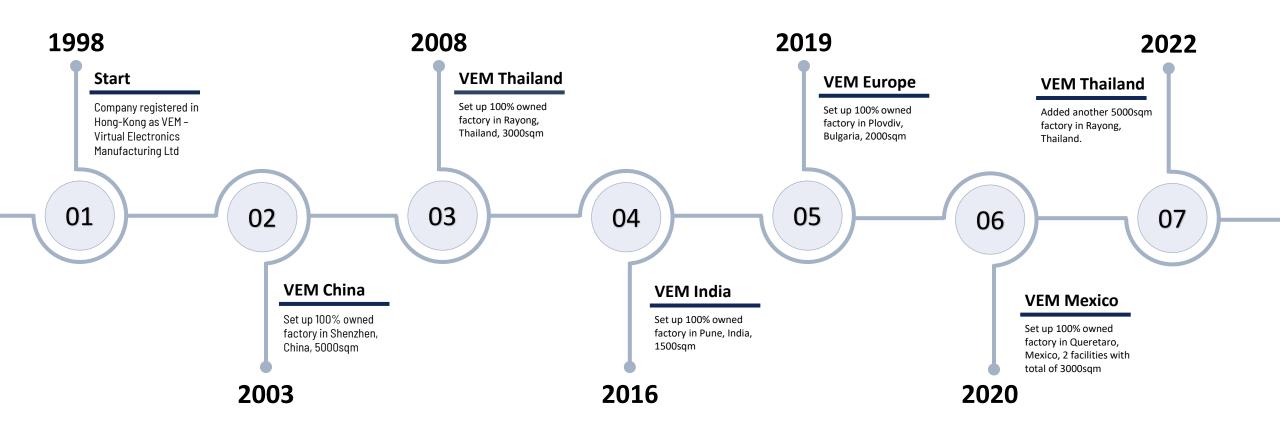
Manufactured over 8000 molds

High tech tool shops

Contract tool-shops for warranty and modifications



HISTORY - VEM GROUP







Environmental Sustainability

- VEM Thailand factory 1 is fully equipped with Solar panels.
- VEM Thailand factory 2 is in the process. Full functionality expected in January 2024.







ISO 13485





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 Mapyangporn, 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

Gary C Stade

For and on behalf of BSI:

Gary E Slack, Senior Vice President - Medical Devices

Original Registration Date: 2019-01-09 Latest Revision Date: 2021-12-15





Effective Date: 2022-01-09 Expiry Date: 2025-01-08

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...making excellence a habit."

ISO 7 / Class 10,000



ISO 8 / Class 100,000







- Help sourcing ROHS/ REACH/ USP class VI compliant materials
- Biocompatibility and Cytotoxicity testing certificate of raw materials is ensured wherever required
- FMEA and FDM 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)





Printing plastic prototypes for validation & functional testing.

- PLA
- ABS
- PETG
- Nylon
- TPU and TPE



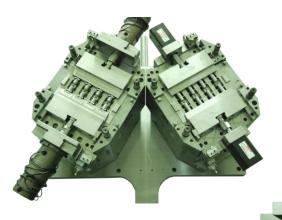


MOLD MANUFACTURING CAPABILITIES

Expertise in:

2K Molds, Multi cavity molds, High precision molds







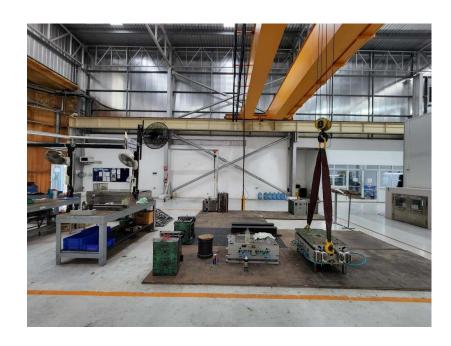






Mold Maintenance:

Internal maintenance & modification capabilities







MOLD MANUFACTURING CAPABILITIES

3D Steel Printing

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







In house toolmaking facilities in China/India/Bulgaria

China: https://youtu.be/57rX3deD1AQ

India: https://youtu.be/cHnLGGuvFls

Bulgaria: https://youtu.be/LnDZgdxzb-A





30+ Injection molding machines

Machine range 5 TON to 850 TON

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











Clean Room ISO 7 Molding











Clean Room ISO 8 Molding









Clean Room ISO 7 & 8 Assembly









Injection Molding



Over Molding



Assembly



Testing



Final Packaging

Assembly Example

Ventilator Connector







We provide PCBA related services:

- PCBA production
- Box built products, manual assembly
- ICT/FCT testing and IC programming
- Tester building and maintenance









Process qualification as per medical standards

- Installation Qualification
- Operation Qualification using DOE
- Performance Qualification





Fully equipped measurement laboratory
SPC online wherever needed
Inspections 24 hours













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INCOE Terms as required by customers





























































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