

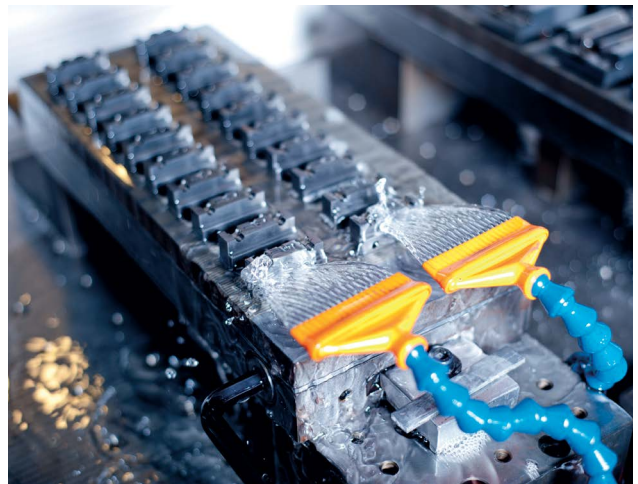
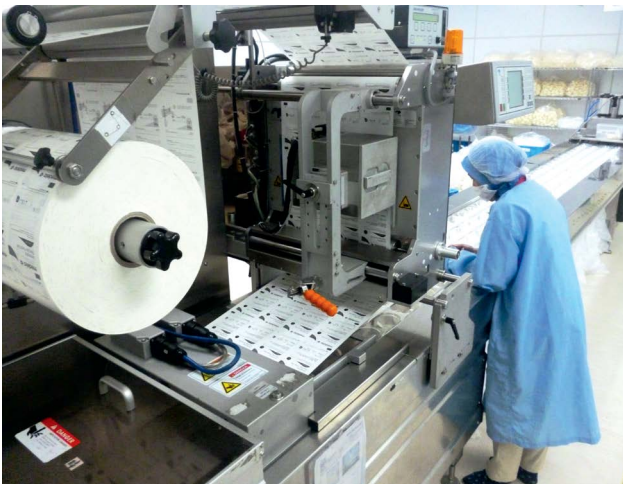


Batam, Indonesia

Production site for plastic injection molding, box building and system assembly

The Cicor site in Batam (PT Cicor Panatec) is a high-end manufacturer of plastic molded parts and mechanical assemblies for medical, industrial, automotive and transport customers. The site is strategically located in Batam, which is just one hour away from the Cicor site in Singapore. In combination with Singapore the site offers engineering, plastic injection molding, vertically integrated secondary processes and assembly services.

The production site has state-of-the-art manufacturing facilities and total 1'200 m² clean rooms (ISO class 7) for injection molding, assembly and packaging. The clean rooms are validated for RTU (ready-to-use) medical applications.





Competencies and services

Plastic injection molding

- Horizontal molding machine from 20 to 468 tons
- High-precision micro molding of 2 mm diameter with micro structure
- Thin-wall molding up to 0.4 mm thickness
- 2K injection molding
- Vertical insert molding
- Material feeding system with dehumidifier dryer
- Servo robot arm with visual camera system
- Automated part placement onto tray system
- Prototype, engineering sample to mass production
- Clean room molding (ISO class 7)

Box building and system assembly

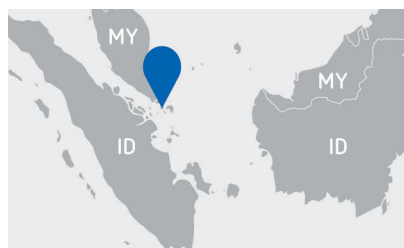
- Control room and clean room assembly (ISO class 7)
- Precision and miniature assembly
- Assembly
- Vibration welding
- Ultrasonic welding
- Seal packaging
- Spot welding
- Coil winding
- Pad/tampon print (normal and rotary)
- Silkscreen printing
- Fully automated spray paint line
- Product reliability test
(humidity/temperature/package and salt spray test)

Markets

-  Industrial
-  Medical
-  Wearables
-  Building Technologies

Certifications

- ISO 9001 Quality
- ISO 13485 Medical
- ISO 14001 Environment
- ISO 14644 Clean room ISO class 7
- US FDA, Quality 21 CFR Part 820
- GMP (good manufacturing practice)
- OHSAS 18001 Occupational health and safety
- UL certified



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The Cicor Group is a globally active provider of full-cycle electronic solutions from research and development to manufacturing and supply chain management. Cicor's approximately 3,300 employees at 19 locations are serving leaders from the medical, industrial and aerospace & defence industries. Cicor creates value to its customers through the combination of customer-specific development solutions, high-tech components, as well as electronic device manufacturing.

