



Injection Molding, Silicone & Assembly

- **Single Source Partner from Concept to Market**
- **Mid to High Volume Thermoplastic, LIM, Insert & Two Shot Molding**
- **Global Resources Managed by US-Based Engineering Team**
- **In-house Tooling Solution**

Turnkey Contract Manufacturing

Founded in 1997, APEC designs, develops and manufactures high precision medical device components specializing in mid to high volume medical molding. They own and operate a state-of-the-art 72,000 sq. ft. manufacturing facility in Southern California and a 35,000 sq. ft. facility in China. APEC is a single source partner from concept through market delivery including assembly and shipping.

APEC is passionate about quality and only purchases the best available equipment from TOYO, ARBURG, Matsui, etc. The Southern California facility houses over 43 injection molding machines from 28-300 ton including 7 silicone (LIM) cells.

- Class 100,000 Cleanroom
- Auto-Adjusting Closed Loop Water System
- Advanced ERP / MRP Program (IQMS)
- Metrology & Validation (IQ, OQ, PQ)
- Dock to Stock Certified
- Short Lead Times
- KANBAN / JIT
- Automated Raw Material Flow
- 24 / 7 Operation



APEC USA





TherOx®
AO Cartridge

CERTIFICATIONS



ISO 13485 : 2003

CDHS Licensed Medical
Device Manufacturer

FDA cGMP

FDA QSR

APEC ASIA — U.S.-Owned and Operated

APEC ASIA is a full service medical molding facility with 35,000 square feet for manufacturing and a Class 100,000 cleanroom. The facility mirrors APEC's U.S. operation in policies and procedures and all systems are integrated through IQMS for real-time production monitoring, material orders and scheduling. APEC ASIA maintains only state-of-the-art manufacturing equipment, ERP software and auxiliary equipment shipped from the U.S. and Japan and all employees, manager level and above, receive extensive training at the U.S. facility.

In-House Design and Mold Making

APEC offers a turnkey tooling solution through a strategic alliance with Magor Mold, Inc. Magor Mold has been designing and building high quality, precision injection molds for over 40 years and is widely considered one of the premier mold builders in the U.S.

Technically Advanced in Silicone Molding

APEC focuses on LIM applications of medical grade silicones and is the largest single source supplier for devices requiring thermoplastic and silicone parts in the Western United States. APEC utilizes state-of-the-art ARBURG injection molding machines and 2KM systems and is one of the few U.S. manufacturers to offer automation and cold runner technology from RICO to produce scrap-free, labor-free medical parts. With extensive LIM experience APEC can provide complete services from engineering support on tool design through final production validation.



APEC ASIA



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