

# Tech Group Customer/Engineering Center

**T**ech Group's Customer/Engineering Center (C/EC) is an ISO 9001 certified engineering site that strategically supports the Custom Molding Business units. The C/EC's on-site capabilities include product design, mold construction, process development, inspection services and turnkey manufacturing solutions. Utilizing dedicated engineering teams, the C/EC facilitates total solutions for the most demanding and complex plastic components and assemblies.

## Product Development:

- Product design and support
- Rapid prototyping
- Mold flow simulation and FEA
- Complete systems management with an emphasis on meeting key milestones

## Mold Construction:

- On-site mold design and construction
- Fully staffed engineering department versed in both solids and 2D platforms
- Integrated use of machining "pallet" systems and robotics to insure exacting steel tolerances
- Multiple CAD/CAM platforms licensed and maintained

## Process Development:

- Utilization of scientific methods to achieve optimum process conditions
- Experienced with the use of pressure transducers and process monitoring systems
- Modern/flexible injection molding machines resulting in accurate process characterization

## Metrology:

- Fully equipped lab with programmable vision systems and CMM systems
- Metrology staff experienced with gauge R+R studies, statistical analysis tools, ISO 9000 and FDA requirements
- Dedicated quality engineers to further enhance program and customer intimacy



### *Innovative Solutions*

The C/EC offers customers the option to proto-type full assembly solutions state side prior to transferring the line off shore for full-scale production.



### *Total Solutions*

Utilizing dedicated engineering teams, The C/EC facilitates total solutions for complex components and turnkey assemblies.

### *Built to Specification*

The C/EC Super-Cell utilizes the latest software and global resources to create a "virtual machining" environment that shortens lead-times and gets your product to market faster.



## Tech Group Scottsdale



**Directions from Sky Harbor International Airport:** Exit the airport East onto the 202. Take the exit to the 101 NORTH to the Cactus Road exit. Take Cactus Road west (left) and follow to Scottsdale Road. Turn north (right) on Scottsdale Road and continue to Butherus Dr. Turn east (right) on Butherus Dr., go to 74th Street and turn south (right). The Customer/Engineering Center is on the left side of the road one block south. (Estimate total time 35 minutes)

The Tech Group is a global organization with primary expertise in manufacturing custom and proprietary plastic products and components for the healthcare, packaging, and consumer/technology industries. Founded in 1967, The Tech Group has achieved over 30 years of consecutive sales growth.



**The Tech Group**  
WE PROVIDE INNOVATIVE SOLUTIONS

### Tech Group Customer/Engineering Center

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