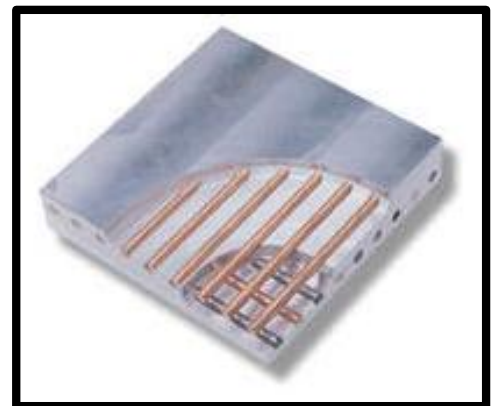




ISOPLATENS

Acrolab's Isoplaten ("The Intuitive Platen") redistributes the energy generated by standard cartridge heaters to give molders rapid thermal recovery and unparalleled and linear temperature distribution along the whole platen surface. Your tools operate with reduced energy demands, produce better quality molded parts and allow you to use faster curing compounds with narrower thermal processing windows.

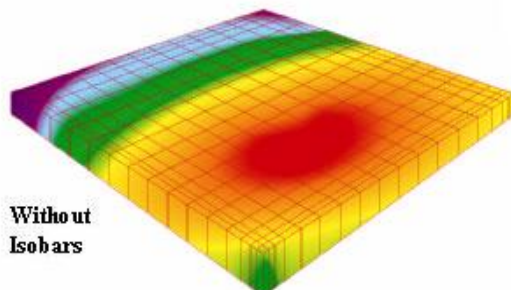
- Uniformly Cure Parts Resulting In Better Quality
- Reduce cycle time
- Reduce Thermal Energy Required From Heaters
- Energy Cost Savings
- Save On Time
- Evenly Heat Thermal Sensitive Parts
- Eliminate Hot Spots
- Reduce Scrap



Acrolab's Isoplatens provide high levels of thermal stability to press platen applications and can be designed for electric, oil, or steam heating. Integral water cooling lines for fast process temperature changes are available. The standard Isoplaten is electronically heated and has an operating range of ambient to 500°F.

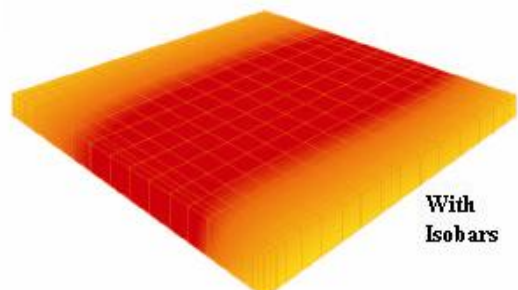
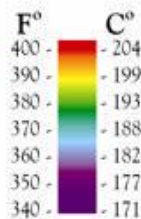
Acrolab engineered bi-level Isoplatens can hold a thermal uniformity of +/- 5°F over 90% of the surface of the Isoplaten. These results allow a substantial improvement in cycle times, start up times, thermal recovery rates, and improved part quality.

The Isoplaten's Unique thermal uniformity permits the use of one single zone temperature controller for the entire platen. No special multi-zone controls, heaters, or thermocouples are required.



Without
Isobars

Platen with Standard Heaters



With
Isobars

Isoplaten with Standard Heaters