

ISO-therm™ SCD

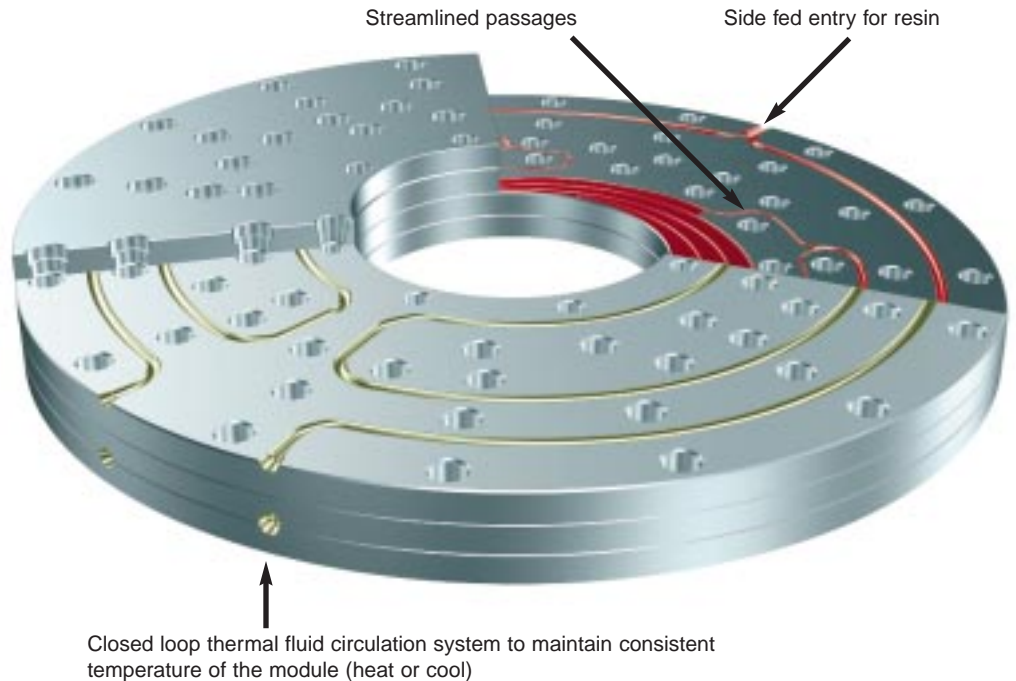


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Brampton Engineering ISO-therm™ module enables the coextrusion of heat sensitive material with super temperature isolation up to 150°C between layers. ISO-therm modules can be placed anywhere above the first layer of a Brampton Engineering multilayer SCD (Streamlined Coextrusion Die.) The module capitalizes on the BE SCD technology of ultra streamlined passages, simple construction and polymer distribution on the disk face.

The ISO-therm module

- processes material at its own ideal temperature
- provides even temperature distribution throughout the ISO-therm module ensuring homogeneous viscosity for optimum distribution
- improves yield of temperature-sensitive materials by minimizing degradation and allowing longer production runs
- coextrudes wider range of materials including temperature sensitive materials such as PVDC, rubberized polymers, engineering plastics, EVOH, cross linkable polymers and LCP making new and better structures possible.

Because it uses Brampton's SCD design the ISO-therm also

- provides faster change in die temperatures
- eliminates material hang-up points
- reduces residence time
- shortens product changeover with fast flushing times
- makes it easy to add, replace and relocate layers.

Method of Operation

Brampton Engineering oil circulating temperature control system maintains the module at its pre-selected temperature by either removing or adding heat as required due to heat transfer between modules.

ISO-therm[®] SCD



Brampton Engineering

Quality: Brampton Engineering Inc. continues to meet the ISO 9001:2000 standard which covers design, manufacture, assembly, installation and service of our products.

Applications

- blown film
- blow moulding
- cable coating
- pipe extrusion

