

This product is represented in Australia, New Zealand, and PNG by:

## InKorr Pty Ltd

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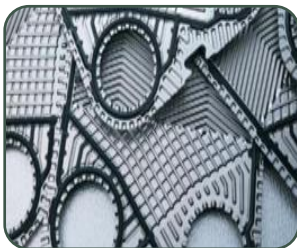
### Heat Transfer Equipment

- Shell & Tube Heat Exchangers - Standard, Custom, Corrugated Tubes.
- Plate Heat Exchangers - Brazed, Gasketed, Semi-Welded, & Welded.
- Graphite Heat Exchangers.
- Plate & Shell Heat Exchangers.
- Spiral Heat Exchangers.
- Crossflow Welded Heat Exchangers.
- Direct Steam Injection Heaters.
- Air Coolers.



### Corrosion Resistant Equipment - Valves, Piping, Vessels & Systems

- Polymer-Lined Valves, Piping, and Pressure Vessels.
- Exotic Metal (Ta, Zr, Ti) Fabricated Piping and Pressure Vessels.
- Glass-Lined Vessels.
- Graphite Equipment and System Packages.



### Service Maintenance

- Plate Heat Exchangers - Refurbishment, Gas Testing, UV Crack Testing.
- Graphite Equipment - Installation, Refurbishment, Repairs.
- Glass-Lined Vessels - Spark Testing, Lining Repair.
- Quality Spare Parts, both OEM and Aftermarket.



Process Heating Solutions Worldwide

## Chemical & Pharmaceutical Processing Industry Case History



### Bio-Kill System

#### Application

The R&D division of a major pharmaceutical plant needed a fully automatic system to deactivate cell culture bio waste collected from reactors, tanks, sinks and condensate. This waste is to be “killed” at 140°C for a duration of 3 minutes and then cooled to 60°C prior to dumping to drain. The entire system had to be compact enough to fit in the back corner of the lab.

#### Process Conditions

Liquid Flow: 2.8-4 GPM  
Temperature Rise: 125°C (225°F)  
Discharge Temp: 145°C (293°F)  
Steam Pressure: 125 PSIG  
Liquid Pressure: 60 PSIG  
Steam Flow: 271-387 lb/hr

#### Solution

A **Pick Model 6X7-3** with all 316 SS wetted parts, 1” liquid piping and 50 Ft. of 2 ½ Hold Tube.

#### Features and Benefits:

- Accurate Temperature Control
- Fully Automatic Operation
- Compact Design
- Optional Sanitary Construction

Learn more at [www.pickheaters.com](http://www.pickheaters.com)

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