

# Temperature Control Options

## TempCon™

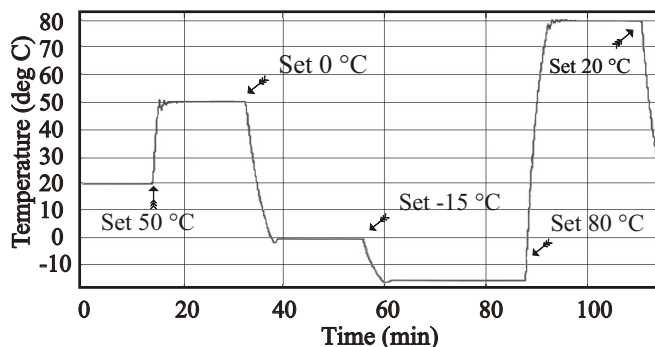
### Peltier based temperature controller

TempCon™ temperature controller unit is designed for use in FT-IR spectrometers with two types of windows: large circular BioCell™ windows and rectangular windows. The controller can be controlled either manually or through computer interface.

The Ramp-Soak Control Interface allows for temperature studies that can be aligned with FT-IR scanning software and can be used in applications such as effect of temperature on protein conformation.

## Features

- Typical temperature range: -20.00 °C to +80.00 °C
- Temperature range achievable with other coolants -50.00 °C to +100.00 °C
- Variable temperature ramp programmable from 0 to 9995 °C / hour
- Soak time programmable from 0 to 1440 minutes
- Accepts both BioCell™ and long-rectangle type windows
- Custom made holders can be ordered for non-typical window designs



## BioJack™

### Jacketed cell holder

BioJack™ liquid cooling and heating jacket is designed for use with the BioCell™ windows for use in FT-IR spectrometers.



## Features

- Aluminum construction
- Threaded for tight seals
- High quality, low cost option for temperature control