

## HEATABLE LONG- PATH CELLS

**Infrared Analysis, Inc.** makes heatable versions of many of our long path cells which allow the cell body, window plate and sample line fittings to be heated, while transfer optics and mounting fixtures remain cool. This is accomplished with an insulating plate between the cell and transfer optics. Using a heating jacket with a silicone based heating blanket which is controlled by thermocouple, the cell chambers are heated uniformly to temperatures as high as 200 degrees Celsius. A digital temperature control unit maintains temperature with high degree of accuracy.

We have heatable versions for most of our cells - see the standard cell page for more complete descriptions.



Part No.	Description
<u>2.4-H</u>	Glass-bodied Permanently-aligned Ultra-mini cell in heatable configuration.
<u>6-PA-H</u>	Glass-bodied Permanently-aligned cell in heatable config.
<u>10-PA-H</u>	Glass-bodied Permanently-aligned cell in heatable config.
<u>22-PA-H</u>	Glass-bodied Permanently-aligned cell in heatable config. (Requires a dual-zone heating jacket with 2 temp controllers)
<u>33-PA-H</u>	Glass-bodied Permanently-aligned cell in heatable config. (Requires a dual-zone heating jacket with 2 temp controllers)
<u>8-V-H</u>	Glass-bodied variable cell in heatable config.
<u>16-V-H</u>	Glass-bodied variable cell in heatable config.
<u>35-V-H</u>	Glass-bodied variable cell in heatable config. (Requires a dual-zone heating jacket with 2 temp controllers)
<u>M-3-8-H</u>	Metal-bodied variable cell in heatable config.
<u>M-4-10-H</u>	Metal bodied variable cell in heatable config.

### Temp Controllers:

<u>TC-100</u>	Digital temperature control unit with thermocouple.
<u>TC-220</u>	220V Digital temp control unit with thermocouple.

### Heating jackets :

<u>HJ-2</u>	Heating jacket for 2.4-H
<u>HJ-2.5</u>	Heating jacket for model 6-PA-H
<u>HJ-3</u>	Heating jacket for models 8-V-H and M-3-8-H
<u>HJ-4</u>	Heating jacket for model 10-PA-H
<u>HJ-4.5</u>	Heating jacket for model 16-V-H and M-4-10-H
<u>HJ-5</u>	Heating jacket for models 22-PA-H and 33-PA-H (dual-zone)
<u>HJ-5.5</u>	Heating jacket for model 35-V-H (dual-zone)