

Model HT-32 Heated Demountable Cell Kit

The Model HT-32™ Heated Demountable Cell is a high temperature transmission cell that permits the analysis of liquids, films and mulls. The Model HT-32 Kit uses 32 mm diameter windows and cell parts similar to those in the Standard Demountable Cell for high temperature applications. The Standard Demountable Cell or Standard Sealed Precision Cell (for moderate temperature applications) can be used with the Model HT-32.



Heat is applied through a heater band and regulated by a temperature controller, which must be purchased separately. A Chromel-Alumel K-type thermocouple is provided for continuous monitoring of the temperature (up to 400°C) on the inside of the sample chamber.

Applications

- Curing adhesives and epoxies
- Kinetics
- Liquids, films and mulls
- Traditional standard heated, high temperature cell analyses

Features

- Slide mounted – fits all spectrometers
- Demountable heated cell kit is easy to assemble, disassemble and clean
- Well-insulated body with heating band is safe to use and maintains constant temperature
- Includes assorted pathlength spacers (0.015 mm, 0.025 mm, 0.05 mm, 0.1 mm, 0.2 mm, 0.5 mm)
and standard 32 mm NaCl windows
- Windows can be replaced with a wide variety of materials
- Choice of temperature controllers (must be purchased separately)