

# Micro Compression Cell

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The Specac Micro Compression Cell is intended for soft solid or semi liquid sample analysis by FT-IR transmission or infrared microscopy. The cell allows for samples to be compressed and flattened between two non-rotating transmission windows for analysis. It is supplied with a choice of NaCl or KBr windows as standard, but CaF<sub>2</sub>, BaF<sub>2</sub>, and ZnSe windows are also available. The cell is mounted to a standard spectrophotometer 3" by 2" slide mount for ease of use in a broad range of optical spectrometers.

With a clear aperture of 7.0 mm diameter, the Specac Micro Compression Cell allows for a good signal when placed at the sampling focus of a standard FT-IR spectrometer. Alternatively, the Micro Compression Cell can also be used with an infrared microscope, where the large aperture allows for more than one sample to be loaded at one time.



### Key features

- Uniform pressure applied across sample
- Non rotating windows
- 7.0 mm clear aperture
- Choice of window materials
- Standard 3" by 2" slide mount

## ordering information

**GS02520 Micro Compression Cell**  
(With choice of NaCl or KBr windows)

### Micro Compression Cell Windows

- GS09070** NaCl windows circular 13mm dia (pair)
- GS09071** KBr windows circular 13mm dia (pair)
- GS09072** CaF<sub>2</sub> windows circular 13mm dia (pair)
- GS09073** BaF<sub>2</sub> windows circular 13mm dia (pair)
- GS09076** ZnSe windows circular 13mm dia (pair)