

Varian 670 FT-IR Spectrophotometer Manufactured By:

Variant

Supported By: Agilent

Varian 670 FT-IR

The Varian 670 FT-IR is a research-grade spectrometer in a class of its own, designed to extend performance boundaries in application areas such as polymers/materials, pharmaceuticals, biotechnology and chemicals. The Varian 670 FTIR incorporates a 57 mm dynamically aligned, 60° air bearing Michelson interferometer covering the widest spectral range down to 10 cm⁻¹. It also comes with the high-throughput air-cooled source, delivering over four times greater sensitivity than any other available FTIR spectrometer.

The Varian 670-IR is equipped with a diamond ATR crystal. The ATR accessory is an IR sampling technique that provides excellent quality data in conjunction with the best possible reproducibility of any IR sampling technique. It has revolutionized IR solid and liquid sampling through:

- Faster sampling
- Improving sample-to-sample reproducibility
- Minimizing user to user spectral variation

Varian 670 FT-IR Spectrophotometer Advantages

Advantages of this instrument include:

- Highest signal-to-noise (S/N) performance — up to four times better than any other available FT-IR, to provide the highest sensitivity and productivity.
- Best spectral resolution and fastest kinetics speeds, providing information-rich results without expensive upgrades.
- Comprehensive range of options such as step-scan, TGA-IR, FT-Raman, microscopy and chemical imaging, to meet all your application needs.
- Intelligent electronics for accessory and component recognition, providing seamless changeovers and automatic method optimization.
- Robust and reliable hardware with unique, powerful, intuitive software for ultimate productivity.