

FTIR spectrophotometer, model Vertex 70, Bruker



Technical details:

- KBr beamsplitter & RT-DLaTGS detector (mid-infrared)
- T222/3 multilayer beamsplitter & RT-DTGS-FIR detector
- Michaelson interferometer: ROCKSOLID configuration, permanently aligned;
- alignment excitation source: HeNe laser, 633 nm, 1mW
- Acquisition & control software: OPUS 6.0
- accessories: ATR device

Performances:

- standard spectral range: $370\text{-}7500\text{ cm}^{-1}$
- far IR extension: $50\text{-}680\text{ cm}^{-1}$
- resolution: 2 cm^{-1}