

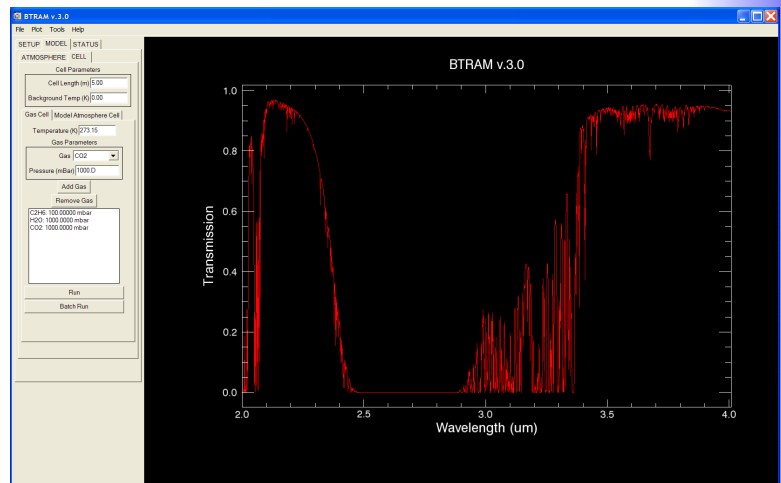
# BTRAM v3



BTRAM, the **B**lue Sky Spectroscopy **T**ransmission and **R**adiance **A**tmospheric **M**odel, is a fast, fully customizable, line-by-line, layer-by-layer radiative transfer model based on the HITRAN 2004 molecular line database. BTRAM provides line-of-sight transmission and emission spectra for fully customizable atmospheres and gas cells over wavelengths ranging from the visible to the extreme infrared. The product of 5 years of development and testing, BTRAM quickly produces accurate results through a convenient modern graphical user interface.

## Features

- Transmission, emission and opacity modes
- Frequency range: 0 to  $20,000\text{ cm}^{-1}$  ( $\lambda > 500\text{ nm}$ )
- Variable resolution, up to 100,000 spectral elements
- Fully customizable atmosphere and gas cell models
- Efficient processing algorithms
- Full-featured modern user interface
- Windows XP and Linux compatible
- Output verified against FASCODE



## Demo & Licensing

Download the **free demo** for the latest version of BTRAM from:  
<http://www.blueskyinc.ca/btram/>

For licensing and pricing information, please contact:

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