Spectroscopic Characterization of Interstellar Ice Analogues
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MEASURING ICE FEATURES
Fourier Transform Infrared (FTIR) Spectrometer:
Full IR coverage from FIR to NIR
Ice experiment: 2 cm⁻¹ resolution

MEASURING OPTICAL CONSTANTS
The THz Time Domain Spectrometer:
Broadband (0.05 – 4 THz), 75 dB dynamic range
Resolution ≥ 2 GHz

IRRADIATION
Xenon Light Source
Simulation of stellar spectrum: UV 250-385 nm, VIS 385-740 nm, IR 750-1050 nm
Optical filters (up to 8) to narrow bandpass to 10 nm

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