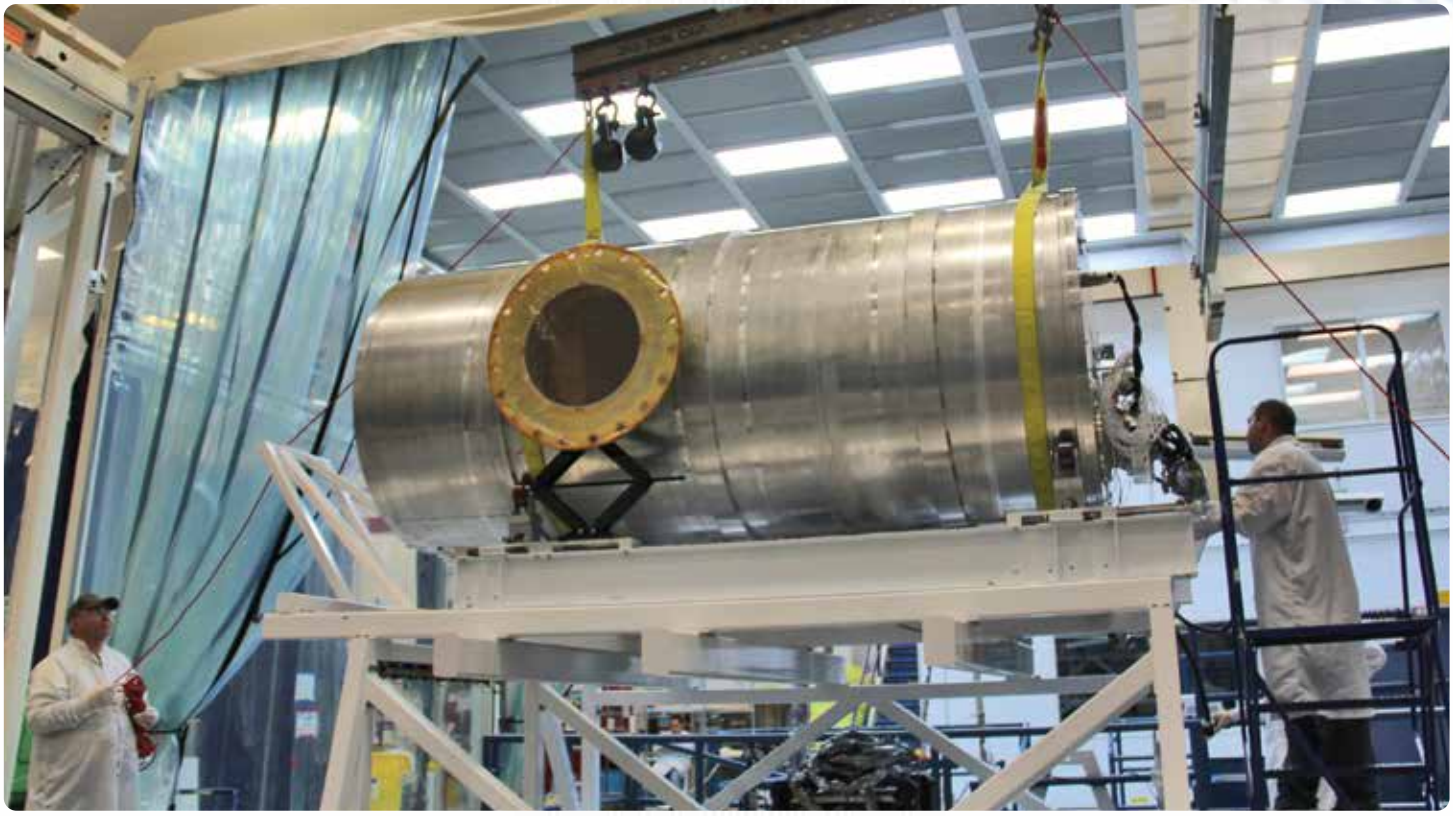
SDL/10-402C

MIC3

MULTIFUNCTION INFRARED CALIBRATOR 3



The Space Dynamics Laboratory's (SDL) MIC3 is used to characterize a variety of optical sensors in the infrared and visible ranges. It can interface with a variety of external sources (e.g., spectral, blackbodies, integrating spheres). MIC3 can successfully measure the image quality of the sensor under test at ambient temperatures. This chamber can also interface directly to standalone sensors or sensors located in any of SDL's antechambers. Coordinated control and monitoring of this calibration chamber and sensors under test enables automated test sequences. The MIC3 chamber is located in Logan, Utah, but is transportable to customer locations.

SPECIFICATIONS

COLLIMATOR WITH STEERABLE OUTPUT BEAM

EXTERNAL DIMENSIONS (LENGTH X DIAMETER)	118″ x 53″
FOCAL LENGTH	279.9″ focal length
EXIT BEAM DIAMETER	19″ (circular)
POINTING MIRROR RANGE (BEAM ANGLE)	~5˚ x 5˚
BACKGROUND	Ambient

MIC3 ALSO FEATURES

- Filter slide with 17 positions
- Aperture slide with 14 positions
- Scan mirror

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