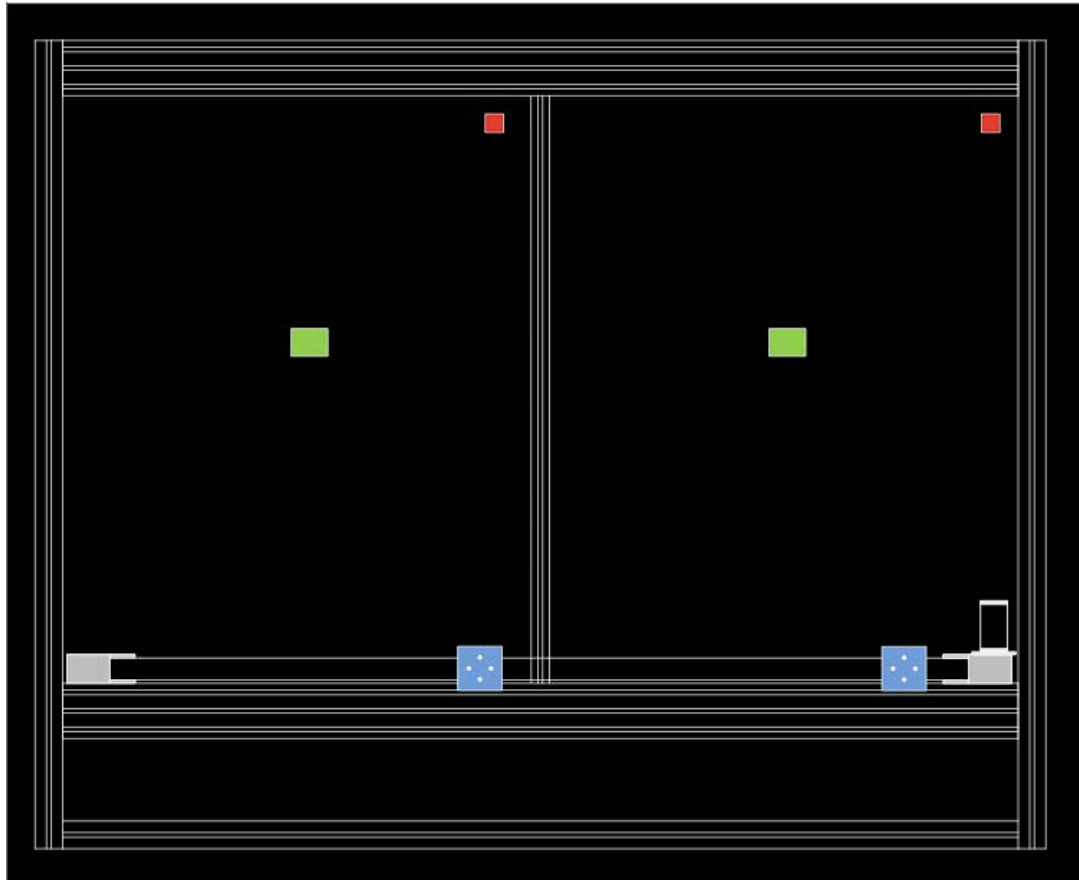


# HDR-TESTER P-200

## Programmable HDR testing and evaluation system



### Features

- Ultra-High Dynamic Range up to 15000:1 scene luminance ratio
- High and low illumination test scenes
- Moving Charts
- Fully Programmable
- Industry-standard 18% gray background

### Mechanical

- Dimensions 44(h) x 55(w) x 32(d) Inches
- Robust and stable construction

### Support

- Knowledgeable technicians
- 1 year warranty (parts and labor)

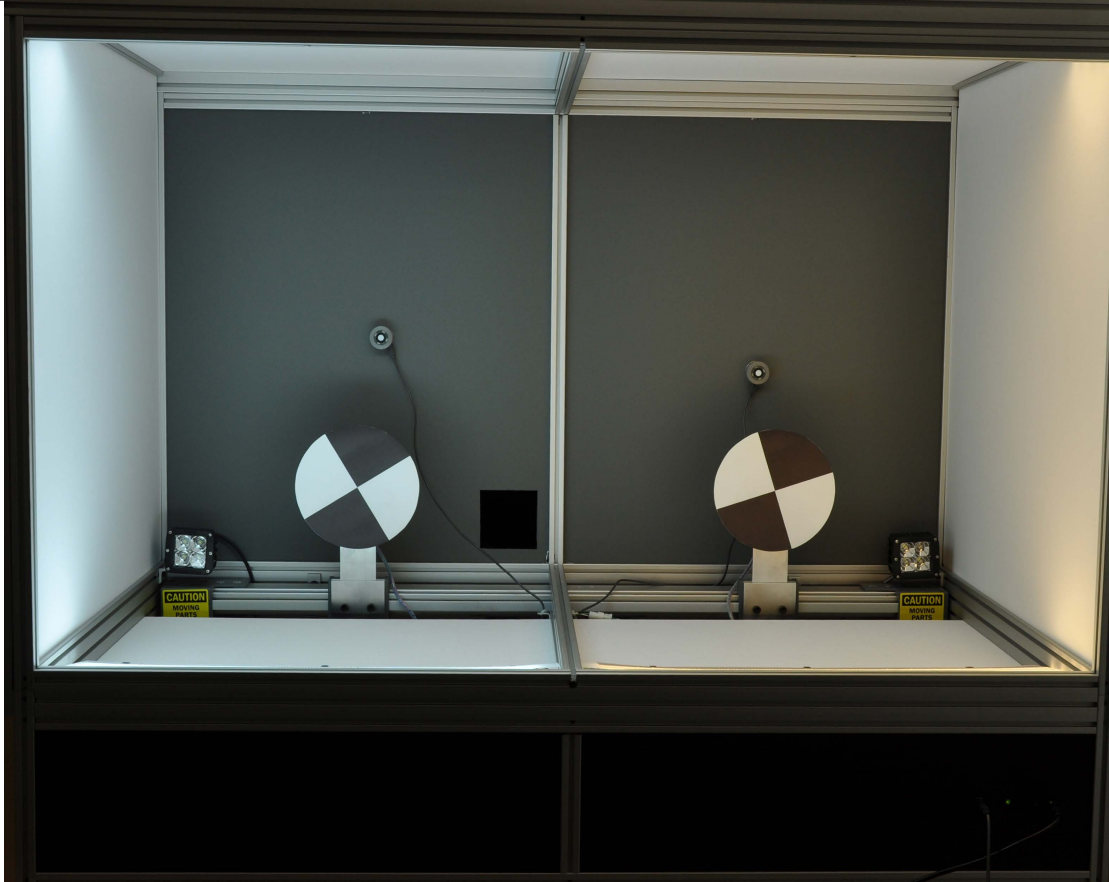
### Description and Application

The HDR-TESTER is a system which generates HDR scenes for testing and evaluating static images of moving objects and video. Each side has individually-controlled lighting as well as chart mounts with motors for linear and rotational motion. All lighting and motors are easily controllable and the frame is constructed out of strong and lightweight extruded aluminum.



### SensorSpace, LLC.

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## Specifications

### Background of each chamber:

- 18% gray with built-in lux meters in each scene

### Motion:

- Linear motion across both chambers
  - Max speed 18 inches/second
- Two rotational motion targets, one for each chamber
  - Magnetically mounted for quick release

### Lighting:

- 5500K nominal color temperature
- Maximum illumination 10,000 lux
- Same illumination on both chambers
- Headlight simulator in each scene (red squares), movable across the scene
- Lux meters in each scene (green squares), movable across the screen

### Dimensions:

- Total outer dimensions:
  - 44(h) x 55(w) x 32(d) inches
- Inner dimensions (each chamber):
  - 32(h) x 30(w) x 26(d)

### Power:

- 110/220v line voltage

### Communication:

- Serial (RS-232) protocol, Matlab and Python executable
- Programmable controls for:
  - Lighting
  - Motors
  - Lux Meters
- Safety:
  - Limit Switches



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