Standard Features

Full Color 12" Touch Screen Control
Panel Display of All Test Parameters

- Direct Setting and Control of Irradiance

- Direct Setting and Control of BPT/BST

- Direct Setting and Control of Relative
  Humidity

- Direct Setting and Control of Specimen and
  Chamber Air Temperature

- Display of Diagnostic Messages

- 14 Factory Pre-Programmed Test Methods

- Space for Several Custom Programs

- Multi-Language Capability (English, French,
  German, Spanish, Japanese, Chinese,
  Korean, Turkish)

SmartDamper

SmartLight Monitor

Streaming Data Output USB or Ethernet

Air Heater

Xenon Lamp Cooling System

Air Intake Dust Filter

Three-tier Specimen Rack

Water Purity Indicator

Calibrated Xenon Reference Lamp

Chamber Viewing Door

316 Grade Stainless Steel Test Chamber

Universal Electrical Configurations to Meet Local
Frequency, Voltage, and Electrical Requirements

Meets CE, UL, CSA, ISO and EN Compliance

Sample Management

E-mail Functionality

Optional Features

Auxiliary Lantern

LS-200 Full Spectrum Monitoring Device

Dual BPT and BST Black Panel Temperature
Measurement/Control Including BPT and BST
Sensors

Monitoring of Second Wavelength

LiquiAir Self Contained Xenon Lamp Cooling System

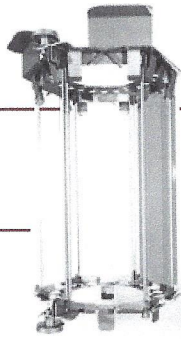Specific Specimen Surface Temperature (S³T)
Monitoring System

Ambient Air Conditioning Unit (ACU)

XenoCal® Irradiance Calibration Device

Additional Options

Auxiliary Filter Lantern
For meeting special test requirements.

S³T Monitoring System
Atlas' patented Specific Specimen Surface Temperature (S³T) monitoring system provides users more information about their test specimens.

- Critical for service life prediction
- Utilizes non-contact IR pyrometer
- Emissivity settings
- Traceable calibrations

Atlas Ambient Air Conditioning Unit (ACU)
Option for lower test temperature applications or conditions where ambient lab air is not controlled. Updated industrial design and tighter temperature/humidity control.
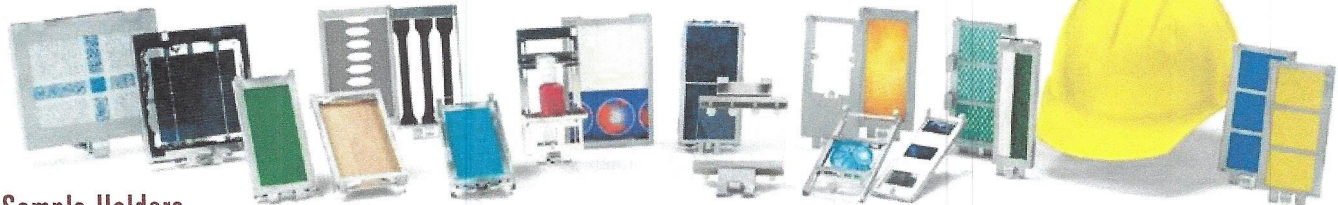
LS-200 Spectroradiometer
Allows for independent measurement of the spectral power distribution from 300 nm to 800 nm to verify conformance with performance based standards with convenient data output to a spreadsheet format.

XenoCal® Irradiance Calibration Device

- For independent irradiance calibration and measurement at the sample plane
- Evaluation and graphical display of measured values on a PC by means of the XenoSoft analytical software
- Available with different wavelength sensitivities:
  - XenoCal BB 300-400 nm
  - XenoCal WB 300-800 nm
  - XenoCal NB 340 nm
  - XenoCal NB 420 nm

Sample Holders
This chart is a representative sample of specimen holders available for the Ci4000 Weather-Ometer®. For specific information about specimen holders that best meet your needs, please contact your local Atlas representative.

Holder Type (Part Number)	Application	Max. Size mm WxHxD	Exposure Size mm WxH	Capacity
RD-3T (20017900) Single or three exposure window w/"bulldog" clip	Coatings on various substrates, plastics, textiles, glass	77 x 152 x 10	57 x 134	68
SL-3T (19163900) Single exposure window w/spring clip back	Textiles, plastic film, automotive interior	67 x 145 x 3	50 x 121	68
SL-3T with Glass (07303900) Single exposure window w/glass and adjustable back	Textiles, paper, plastic film, carpet, automotive interior	67 x 145 x 15	50 x 121	68
CD-3T (20215700) Three exposure windows w/spring clip back	Textiles, paper, plastic film, automotive interior	67 x 145 x 3	3 windows: 38 x 50	68
CD-3T with Glass (07303800) Three exposure windows w/glass, spring clip back	Textiles, paper, plastic film, wood, automotive interior	67 x 145 x 15	3 windows: 38 x 50	68
TEX-3T with Mask (19186700) Single exposure window w/mask, adjustable	Textiles, foam, foam-backed materials	45 x 134 x 12	19 x 119	104
Polystyrene Reference Chip (19183400)	Polystyrene reference chips	50 x 88 x 2	43 x 82	54
4 x 6 Panel (19210200)	Coatings, rigid plastic, wood	104 x 155 x 12	101 x 146	41
3 x 6 Panel (19188501)	Coatings, rigid plastic, wood	76 x 152 x 9	76 x 146	56
Solar Panel (19190400)	Rigid plastic, roofing material, solar panels, wood	127 x 138 x 9	119 x 119	35
Adjustable Bottle (19178100)	Bottles, labels, printing inks, adhesives, liquids, pills	69 x 101 x 43	50 x 121	65