



## MTS EnviroPro™ Chambers

Accurately replicate operating environment temperatures

### Features

- » Heated window to reduce fogging and frosting
- » Door hinge allows for easy movement within the columns of the frame
- » Internal light illuminates the test area
- » Uses liquid nitrogen for cooling
- » Temperature control within MTS software or manual control
- » Compatible with non-contacting extensometers and video monitoring
- » Mobile cart or rail mounting solution

MTS EnviroPro Chambers enable test engineers and researchers to perform a wide array of mechanical tests in conditions that closely replicate temperatures that materials and components experience in their actual operating environments, providing confidence in the operating range of a material in the real-world.

To ensure accurate and consistent results, MTS EnviroPro chambers are designed to maintain a constant temperature within a few degrees of the desired setting and with very little temperature gradient across the

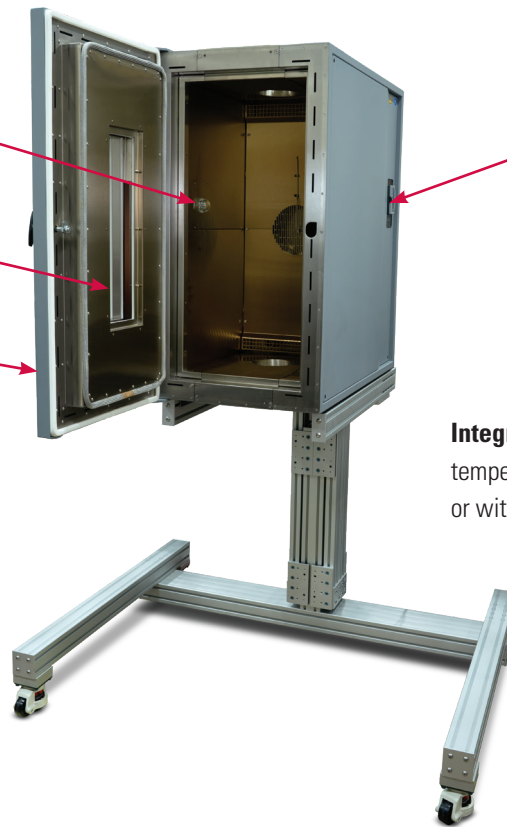
specimen. Heating is achieved with electrical heating elements and cooling is accomplished with liquid nitrogen. All chambers feature an integrated control panel instead of an external control box, providing cleaner setup, smaller footprint and reduced hardware complexity.

These chambers are engineered to integrate seamlessly with a wide variety of floor-standing and tabletop load frames from MTS, including the MTS Acumen®, MTS Landmark®, and MTS Criterion® Test Systems, as well as MTS controllers, grips and fixtures.

**Internal Light** – new bulb design delivers better, more uniform illumination

**Heated Window** – reduces fogging and frosting for better specimen visibility

**Improved Door Design** – can move chamber between frame columns without removing the door



**Integrated Control** – control temperature from this interface or within your MTS software

## Specifications

| Description                | EnviroPro 10                                                 | EnviroPro 20                                                 | EnviroPro 30                       | EnviroPro 40                           | EnviroPro 50                           | EnviroPro 60                             |
|----------------------------|--------------------------------------------------------------|--------------------------------------------------------------|------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------|
| <b>Maximum Temperature</b> | +350°C (660°F)                                               | +350°C (660°F)                                               | +350°C (660°F)                     | +350°C (660°F)                         | +600°C (1112°F)                        | +350°C (+660°F)                          |
| <b>Minimum Temperature</b> | -100°C (-150°F)                                              | -100°C (-150°F)                                              | -100°C (-150°F)                    | -150°C (-238°F)                        | -150°C (-238°F)                        | -150°C (-238°F)                          |
| <b>Heating Method</b>      | Forced Convection                                            | Forced Convection                                            | Forced Convection                  | Forced Convection                      | Forced Convection                      | Forced Convection                        |
| <b>Cooling Method</b>      | LN2                                                          | LN2                                                          | LN2                                | LN2                                    | LN2                                    | LN2                                      |
| <b>Power Requirements</b>  | 100-120V (30A) or<br>200- 240V (16A)<br>50/60Hz Single Phase | 100-120V (30A) or<br>200- 240V (16A)<br>50/60Hz Single Phase | 200 - 240V 50/60Hz<br>Single Phase | 200-240V (30A)<br>50/60Hz Single Phase | 200-240V (30A)<br>50/60Hz Single Phase | 200 - 240V (30A)<br>50/60Hz Single Phase |

## Dimensions

| Description                   | EnviroPro 10     | EnviroPro 20     | EnviroPro 30      | EnviroPro 40     | EnviroPro 50     | EnviroPro 60     |
|-------------------------------|------------------|------------------|-------------------|------------------|------------------|------------------|
| <b>External Height</b>        | 635 mm (25.0 in) | 810 mm (31.9 in) | 1010 mm (39.8 in) | 711 mm (28 in)   | 813 mm (32 in)   | 965 mm (38 in )  |
| <b>Internal Height</b>        | 485 mm (19.1 in) | 660 mm (26.0 in) | 860 mm (33.9 in)  | 559 mm (22 in)   | 660 mm (26 in)   | 813 mm (32 in)   |
| <b>External Width</b>         | 350 mm (13.8 in) | 350 mm (13.8 in) | 350 mm (13.8 in)  | 508 mm (20 in)   | 508 mm (20 in)   | 508 mm (20 in)   |
| <b>Internal Width</b>         | 240 mm (9.4 in)  | 240 mm (9.4 in)  | 240 mm (9.4 in)   | 355 mm (14 in)   | 355 mm (14 in)   | 355 mm (14 in)   |
| <b>External Depth</b>         | 590 mm (23.2 in) | 590 mm (23.2 in) | 590 mm (23.2 in)  | 902 mm (35.5 in) | 902 mm (35.5 in) | 902 mm (35.5 in) |
| <b>Internal Depth</b>         | 230 mm (9.0 in)  | 230 mm (9.0 in)  | 230 mm (9.0 in)   | 432 mm (17 in)   | 432 mm (17 in)   | 432 mm (17 in)   |
| <b>Pull Rod Port Diameter</b> | 67 mm (2.6 in)   | 67 mm (2.6 in)   | 67 mm (2.6 in)    | 135 mm (5.31 in) | 135 mm (5.31 in) | 135 mm (5.31 in) |
| <b>Window Height</b>          | 350 mm (13.8 in) | 460 mm (18.1 in) | 640 mm (25.2 in)  | 350 mm (13.8 in) | 350 mm (13.8 in) | 460 mm (18.1 in) |
| <b>Window Width</b>           | 125 mm (4.9 in)  | 125 mm (4.9 in)  | 125 mm (4.9 in)   | 125 mm (4.9 in)  | 125 mm (4.9 in)  | 125 mm (4.9 in)  |
| <b>Weight</b>                 | 65 kg (143 lb)   | 75 kg (165 lb)   | 85 kg (187 lb)    | 135 kg (297 lb)  | 140 kg (308 lb ) | 156 kg (344 lb)  |

Specifications subject to change without notice.

MTS, Acumen, Criterion and Landmark are registered trademarks and EnviroPro is a trademark of MTS Systems Corporation in the United States. These trademarks may be protected in other countries.  
RTM No. 211177.

©2026 MTS Systems Corporation  
100-720-266a EnviroProChambers • Printed in U.S.A. • 09/26



**MTS Systems Corporation**  
14000 Technology Drive  
Eden Prairie, MN 55344-2290 USA  
www.mts.com

Telephone: 1.952.937.4000  
Toll Free: 1.800.328.2255  
E-mail: info@mts.com  
ISO 9001 Certified QMS