


This guide contains information to help prepare your facility for the arrival of your Cascade Microtech integrated measurement solution.

System Requirements

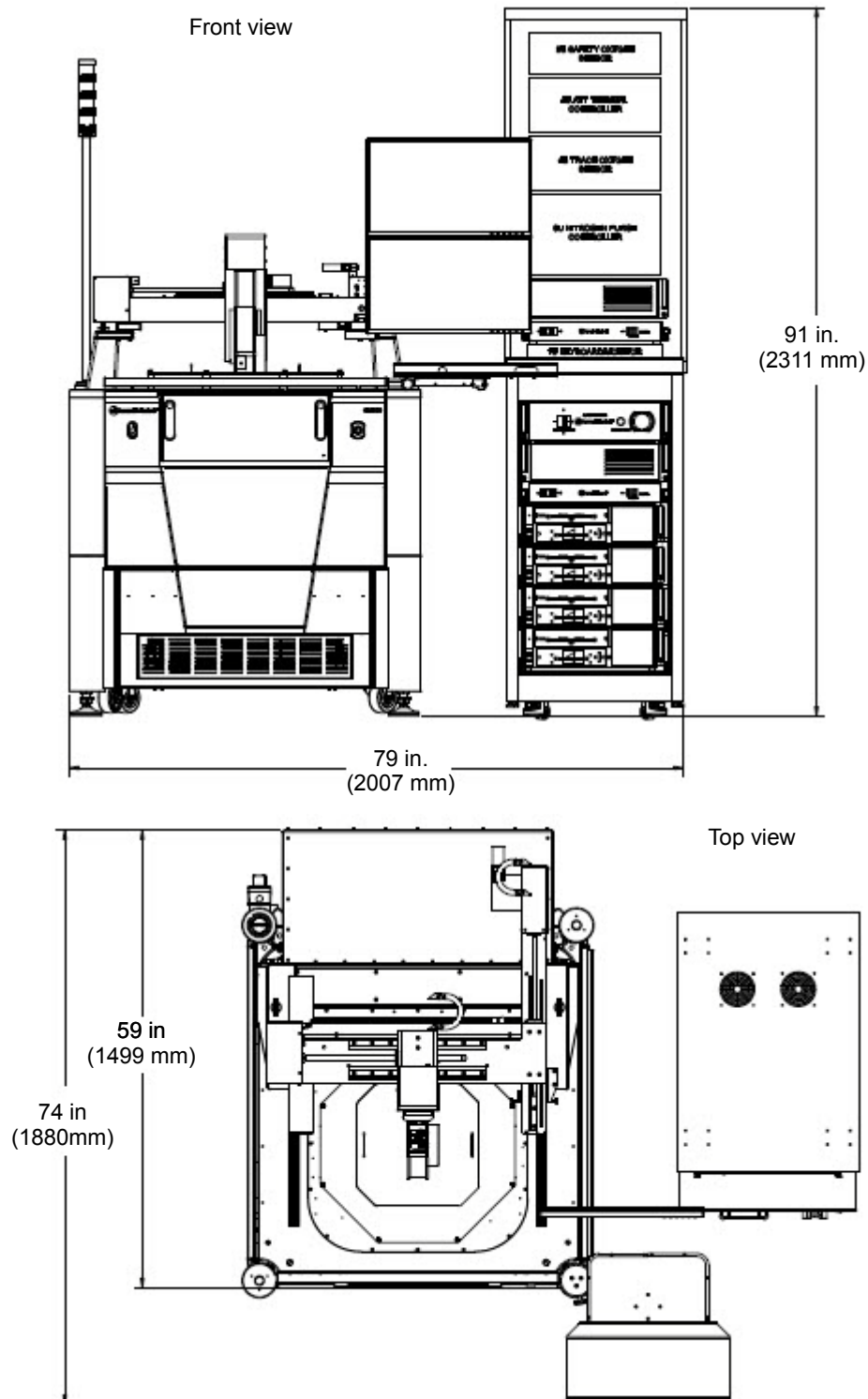
| | | | | | | | | | |
|---|--|--------------------------------|--|---|--|------------------------------------|--|---------------------------------------|--|
| Nitrogen |  <p>WARNING</p> <p><i>The CM300xi MicroChamber and PureZone nanochamber can contain an oxygen deficient atmosphere. Nitrogen leakage can occur around the load door and seams of the chambers during normal operation. Do not place your mouth or nose within 6 inches of the load door in either the open or closed position. Oxygen measurements around the system during normal operation are recommended to verify that the air flow in your working environment is adequate to dilute any nitrogen leakage. The use of oxygen sensor alarms is recommended.</i></p> <ul style="list-style-type: none"> • Nitrogen purity must be consistent with testing requirements. Purity of 99.999% or better, with <0.5ppm oxygen is recommended. • Max flow (per station): 150 l/min SATP* typical, maximum 300 l/min peak usage. • Available pressure: 5-10 bar • 12 mm OD push-in tube connection | | | | | | | | |
| Clean Dry Air (CDA) | For details on requirements for the CM300xi probe station, and the Symphony and 1164 reliability test systems, see the corresponding Facility Planning Guide. | | | | | | | | |
| Vacuum | | | | | | | | | |
| Power | | | | | | | | | |
| Environmental Conditions | | | | | | | | | |
| Thermal Systems | See the <i>ATT Thermal System (+30°C to +350°C) Facility Planning Guide</i> for details. | | | | | | | | |
| Dimensions | <table border="0"> <tr> <td>BLP package</td> <td>• See BLP and BLN Packages on page 2.</td> </tr> <tr> <td>BLN package</td> <td>• See BLP and BLN Packages on page 2.</td> </tr> <tr> <td>BFP package</td> <td>• See BFP Package on page 3.</td> </tr> </table> | BLP package | • See BLP and BLN Packages on page 2. | BLN package | • See BLP and BLN Packages on page 2. | BFP package | • See BFP Package on page 3. | | |
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Estrada-EM WLR System

Dimensions

BLP and BLN Packages

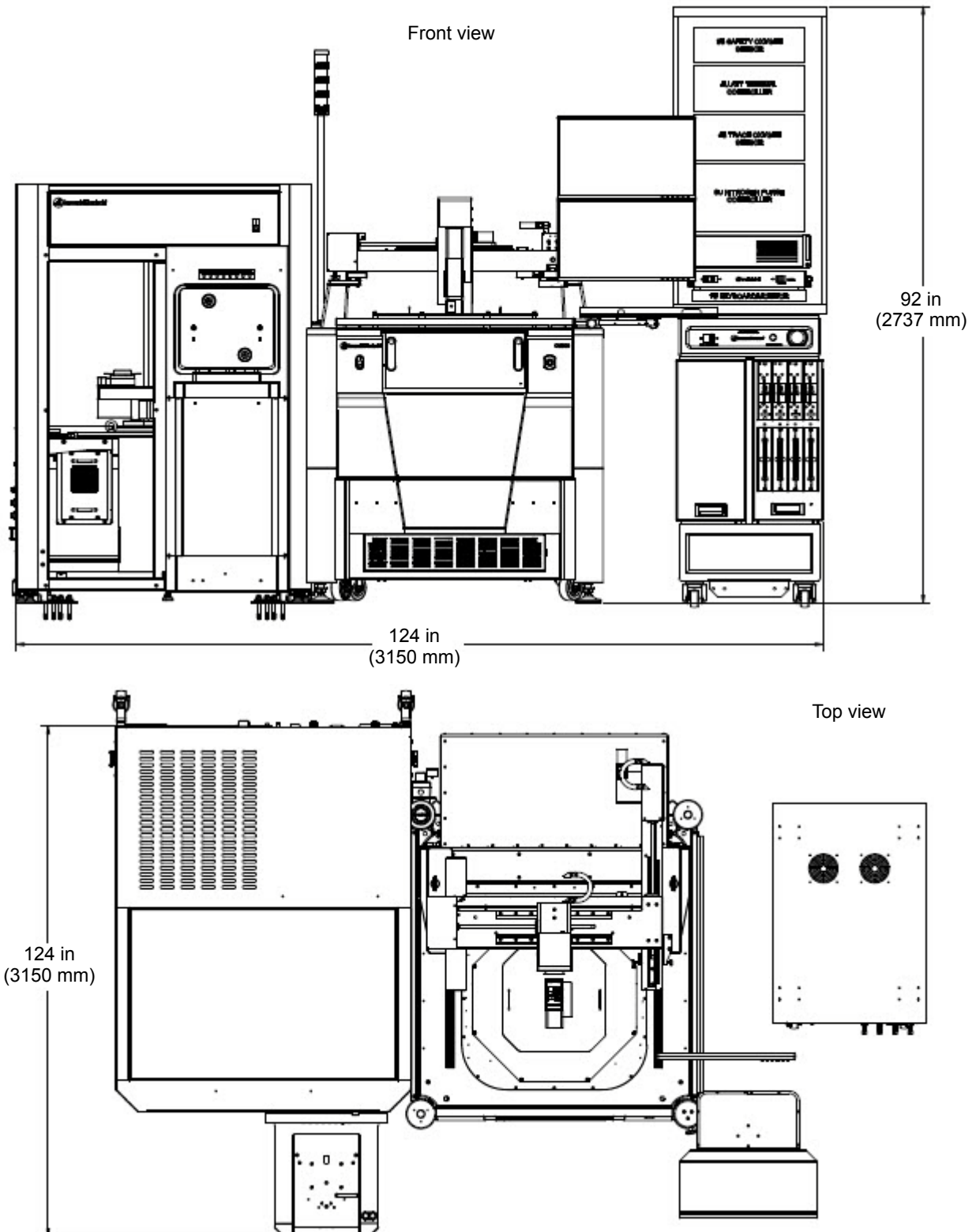
For details on probe station dimensions, see the *CM300xi Probe System Facility Planning Guide*. For details on Symphony test system dimensions, see the *Symphony Reliability Test System Facility Planning Guide*.



Estrada-EM WLR System

BFP Package

For details on probe station dimensions, see the *CM300xi Probe System Facility Planning Guide*. For details on the 1164 test system dimensions, see the *1164 Reliability Test System Facility Planning Guide*.



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