

Model CS5700
Data Acquisition and Control



Operating Position
rear access panel removed



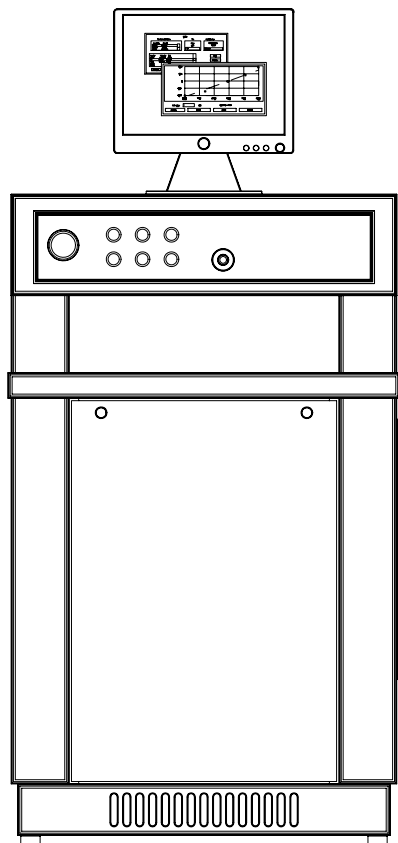
Calibration Position

CS5700 Control and Data Acquisition System

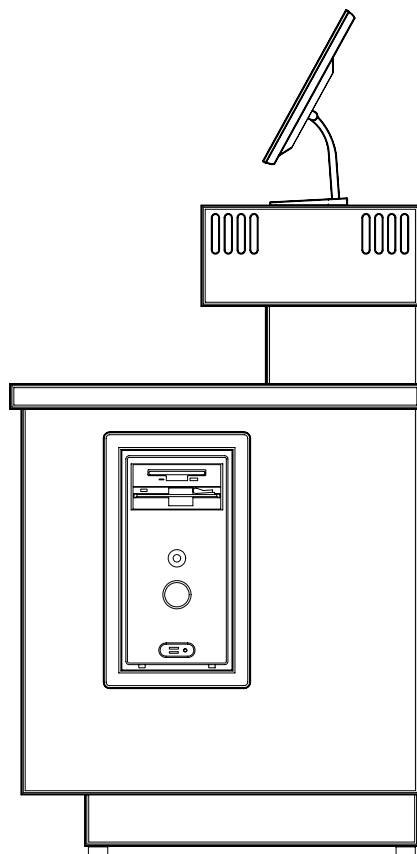
The control console was designed for high production testing requiring constant operator interface between control cabinet and testing machine. Monitor, keyboard and controls are positioned at a convenient height to allow the operator to insert specimens, view the monitor and reach the controls with a minimum of effort and movement.

Specifications :

- A tower mounted PC computer is installed in the lower right side of the control cabinet for easy accessibility and to maximize table space.
- A positive internal air supply is provided to prevent airborne contamination of the electronics located within the control cabinet. A 200-CFM thin muffin fan is installed which blows through a large, replaceable, extended surface air filter.
- Center line height of monitor allows convenient viewing while standing or sitting on a drafting stool.
- Table height - 36 inches (914 mm)
- Table top .125 inch thick (3.2 mm) brush finished 303 stainless steel
- Front, back and top panels may be removed with a minimum of effort for servicing or calibration of internal components.
- The 16 channel signal conditioning mother board is mounted on a fold up shelf located on the back of the control cabinet to eliminate the problem associated with electronics mounted in pull-out drawers. (wire and tangles cable loops, etc.)
- The back panel is removed and the shelf is unlatched and raised to a position level with the stainless steel top for servicing or calibration of the signal conditioning. This design allows all signal conditioning cables to pivot on one plane which reduces the possibility of applying stress to the circuit board connectors, as well as providing easy accessibility to the signal conditioning.



FRONT VIEW



SIDE VIEW