



What is ADA Law?

Americans with Disabilities Act or ADA is a civil rights law that safeguards equal opportunity for persons with disabilities and forbids discrimination in all aspects of public entities such as public employment, state and local government, public accommodations, commercial facilities, transportation, and telecommunications.

ADA-compliance on Biological Safety Cabinets (BSCs)

Laboratory workers continue to suffer from work-related musculoskeletal conditions which limit mobility and dexterity, leading to early retirement from work.

Even though ADA's design criteria—ADA Accessibility Guidelines (ADAAG), does not directly pertain to BSC designs, it serves as a recommendation for BSC manufacturers to emphasize consideration for people with disabilities when it comes to access and manipulation of the equipment.



Esco BSCs are designed to have:



Centered and angled-down location of the control panel

Wide and stress-free work station

Angled armrest and enough legroom for a comfortable working position

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3 Elements to Consider:



Forward reach



Clearance underneath the cabinet



Access to the controls and display



Esco Labculture® Biological Safety Cabinet is equipped with Esco Sentinel™ Gold Microprocessor with a large blue LCD that simultaneously shows all safety parameters.

With Esco, your comfort and safety comes first!

References:

- [1] Phillips, D. (October 2009). BSC Ergonomics and ADA Compliance. Lab Manager. <https://www.labmanager.com/laboratory-technology/bsc-ergonomicsand-ada-compliance-20150>
- [2] U.S. Department of Justice. (February 2020). A Guide to Disability Rights Laws. <https://www.ada.gov/cguide.htm#anchor62335>
- [3] U.S. Department of Justice. (September 2010). 2010 ADA Standards for Accessible Design. <https://www.ada.gov/regs2010/2010ADAStandards/2010ADAStandards.pdf>
- [4] WHO. (November 2019). Musculoskeletal conditions. <https://www.who.int/news-room/fact-sheets/detail/musculoskeletal-conditions>

