

## XL20 Analytical Balance Ionizer

Improves balance readability for low volume samples



### XL20 Ionizer Overview

In some lab environments, as plastic test tubes are moved in and out of a plastic tube rack, the test tube may accumulate an electrostatic charge. This charge can cause test tube sample weight to appear to vary slightly (based on amount of charge present at time of measurement) when tube is placed in an analytical balance.

The XL20 Ionizer dissipates the electrostatic charge on XL20 deck, analytical balance, tube racks, and test tubes from potentially high voltage levels to a low voltage level in the range of +/- 22 volts. By creating a neutral charge environment for the XL20 deck and tube racks the XL20 Ionizer improves the readability by the XL20 analytical balance when measuring low volume samples.

### Benefits

- Improves balance readability when measuring low volume samples by neutralizing electrostatic attraction (ESA) between test tube and balance
- Prevents electrostatic buildup created with repeated weighing of same tube
- Eliminates electrostatic charge on XL20 deck, tube racks, and sample tubes
- Compatible with the XL20 automated balance and with standard analytical balances

### Features

- No calibration required
- Industrial grade ionizer electronics
- Fault monitoring circuit with status LED and I/O connection indicates proper operation
- 20 cubic foot per minute airflow
- Reduces high voltage electrostatic charge to +/- 22V at one foot from unit