

## Safety Warnings

### Intended Purpose

Use of the LC/MSD in a manner not intended by the manufacturer is prohibited.

### Safety Class

The LC/MSD is a Safety Class 1 instrument and has been designed and tested in accordance with IEC Publication 1010-1, Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use.

### Stack Configuration

#### WARNING

While it is possible to stack the 1100 Series LC modules on top of the LC/MSD without damaging it, this arrangement is potentially unstable and dangerous and is not recommended.

Placing the LC modules on top of the LC/MSD is also inconvenient. It puts the solvent bottles and some LC controls out of easy reach and requires the LC stack to be disassembled and removed for LC/MSD maintenance.

#### WARNING

Nitrogen is the only acceptable drying and nebulizer gas. Use of air, oxygen, or other gases, when combined with solvents and high voltages in the spray chamber, could result in an explosion.

#### WARNING

Connecting the LC/MSD to a power source that is not equipped with a protective earth contact creates a shock hazard for the operator and can damage the instrument. Likewise, interrupting the protective conductor inside or outside the LC/MSD or disconnecting the protective earth terminal creates a shock hazard for the operator and can damage the instrument.

#### WARNING

Any adjustment, maintenance or repair of the opened instrument while it is connected to a power source should be avoided and, if required, should be performed only by trained persons who are aware of the hazards involved.

#### WARNING

The power switch on the front of the LC/MSD does not completely cut power to the instrument. You must also turn off the main circuit breaker and disconnect the power cord before performing maintenance on the electronics or turbo controllers.