

Testing Instructions

To be compatible with your instrument, each of the Corning plates tested must meet the following criteria for fit and function:

For Plate Readers:

- Proper fit in plate carrier
- Suitable optical performance (must meet your minimum criteria for all relevant optical properties such as background, light transmittance, well flatness, well geometry, light piping, crosstalk, reflectance, etc.)
- Must be compatible with all of the instrument's accessories including:
 - Plate stackers
 - Barcode readers
 - Plate movers, grippers, locators, etc.
 - Software, if relevant, must be upgraded to include correct Corning plate map*

For Plate Washers and Liquid Handling Instruments:

- Proper fit in plate carrier, stage or platform
- Plate dimensions and well geometry must be suitable for dispensing and/or aspirating.
- Must be compatible with all of the instrument's accessories including:
 - Plate stackers, carousels, etc.
 - Barcode readers
 - Barcode applicators
 - Plate movers, grippers, locators, etc.
 - Software, if relevant, must be upgraded to include correct Corning plate map*

For Robotic Systems and Automation Equipment

- All plates, lidded and non-lidded, must be compatible with robotic grippers.
- Ease of lidding and delidding, if relevant.
- Must be compatible with all of the instrument's accessories including:
 - Plate carriers, stackers, carousels, etc.
 - Barcode readers
 - Barcode applicators
 - Software, if relevant, must be upgraded to include correct Corning plate map*

*Customer specification drawings of all products are available if needed.

To request drawings, please contact Technical Service at 800.492.1110 or 978.635.2200.

