



**Thermo Scientific**  
Orbitor RS Microplate Mover

# Liberate yourself from routine tasks

The next generation in plate moving technology providing unbeatable reliability within a compact, bench-top mover.

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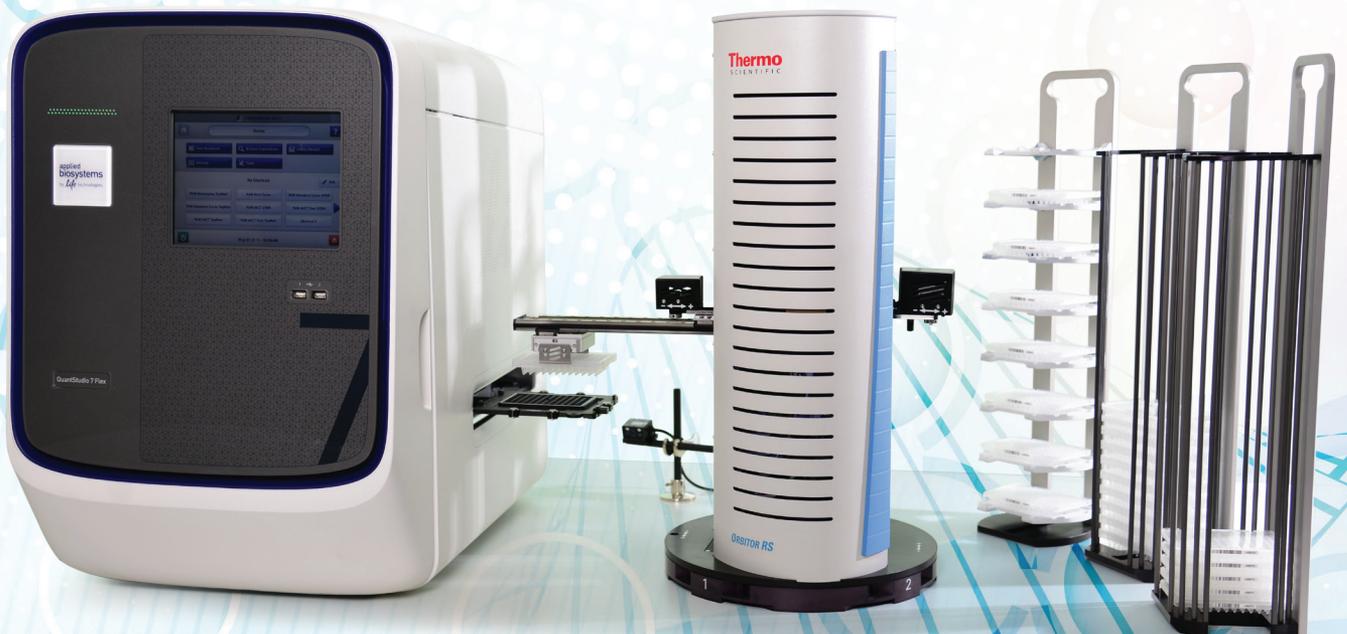


## Liberate Yourself from Routine Tasks

Scientists looking for an easy-to-use, and reliable instrument loading solution depend on the Thermo Scientific Orbitor® RS, microplate mover. The Orbitor mover provides unbeatable reliability within a compact, bench-top mover. Its innovative bi-directional telescoping arm provides exceptional reach and precision while its expansive 360° workspace maximizes productivity.

Novice automation users appreciate the number of safety features integrated into the Orbitor. The arm of the mover has been designed with an overhead gripper. Overhead grippers naturally avoid the dangers of protruding off-set fingers supplied with other movers. With Force Control, the Orbitor will stop with the slightest contact. And plate detection in the gripper, eliminates the hassles of dropped and spoiled samples. Orbitor's quiet operation cuts down on the noise pollution generated by a wide variety of other products on the market.

Orbitor is one of the most flexible movers on the market. Users often invest in the Orbitor for single instrument loading, and later request additional instrumentation and integration. Orbitor solutions can easily be upgraded in the field, either with multiple devices for operation pooling, or with sample preparation instrumentation. There's also a wide selection of storage options, from random access and stacked storage to storage carousels. Orbitor solutions also integrate barcode scanning for easy sample tracking, or to trigger specific processes.



Our swap-out program maximizes the uptime of your instrument. Should an Orbitor stop working during the warranty period, our support team will make a site visit to swap out the Orbitor. Our swap-out program helps users avoid the lengthy hassles of mover diagnostic and repair.

Quiet
Reliable
Small footprint
Safe, motion stops with contact
Collision detection and recovery
Random access or stacked storage
360° workspace
Optical sensor
Easily handles lids
Handles most SBS conforming plates.

## Momentum Scheduling and Workflow Software

The Orbitor solution is controlled and monitored with the Thermo Scientific Momentum™ scheduling and workflow software. Momentum is the top layer software that communicates and controls instruments as well as the Orbitor. Momentum lets users define, execute and monitor complex processes in a powerful yet easy-to-use visual environment. The software offers a simulation mode and accelerated simulation to test your processes in advance. Momentum software isolates problems and provides recovery options for attended or unattended modes to keep your science moving. This revolutionary software can even run multiple processes at the same time, the possibilities are endless!



Momentum software lets users define, execute and monitor complex processes in a powerful yet easy-to-use visual environment.



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