

SHORTEN TEST CYCLE TIME
WHILE INCREASING YOUR
TESTING CAPACITY.

Automation systems specifically designed for your Alpha Premier instruments.

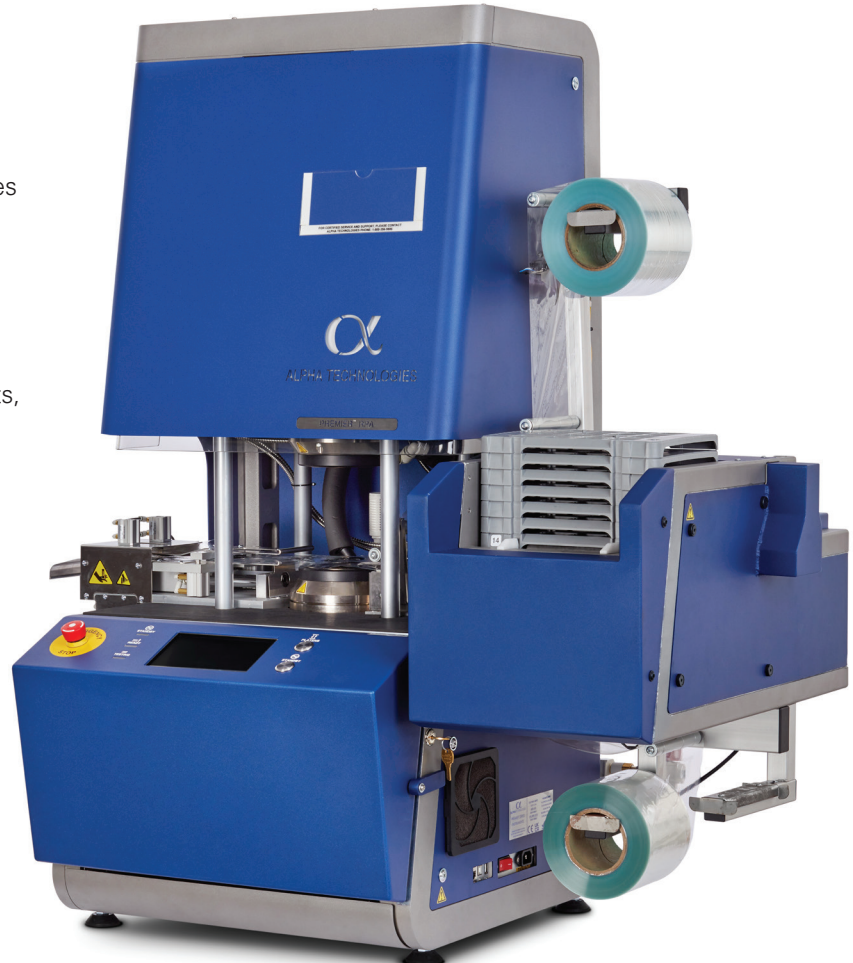
From loading one sample at a time to queuing up 224 samples for overnight testing, Alpha Technologies offers a range of sample automation options that meet your testing needs. Alpha's compact, lightweight sample handling options are custom designed for fast, reliable and operator-friendly handling. All sample handling options seamlessly integrate with the Premier MDR and Premier RPA series of instruments, for quick and easy retrofitting.

Premier 5 Queue and 10 Queue - Manual loading of 5-10 square, round or irregular size samples.

Premier 3D - Carrousel loading system that holds up to 36 interchangeable sample carriers. The 3D units' simple design provides a mid-capacity queuing option at an affordable prices

Premier High Capacity - Load and go tray loading system that can queue up to 224 samples at a time. The High Capacity option is the fastest sample handling unit available worldwide.

All sample handling options can use 2, 3, or 4 film rolls, and with over 25 different film options Alpha Technologies has the right film for any application.



Choose the Sample Automation System that's right for your testing process.



SPECIFICATIONS

5 Queue and 10 Queue

Sample Capacity:	Up to 5 or 10 samples
Sample Size:	Up to 17 mm (0.67 in) thickness
Modes of Operation:	First-In First-Out (FIFO)
Electrical:	24VAC supplied by instrument
Air Pressure:	4.1 bar minimum (60 psi)
Dimensions:	Adds 254mm–800mm (10in–31in) of width to the instrument
Weight:	0.45 – 1.0 kg (1-2 lbs)

Premier 3D

Sample Capacity:	Up to 36 samples
Sample Size:	4 – 14 mm (0.16 – 0.55 in) thickness
Modes of Operation:	First-In First-Out (FIFO)
Electrical:	24VAC supplied by instrument
Air Pressure:	4.1 bar minimum (60 psi)
Dimensions:	W: 432 mm (17 in), D: 457 mm (18 in), H: 195 mm (7.7in)
Weight:	13.6 kg (30 lbs)

Premier High Capacity

Sample Capacity:	Up to 224 samples, 16 samples per tray
Sample Size:	Up to 19 mm (0.75 in) thickness and 33 mm (1.30 in) diameter
Modes of Operation:	First-In First-Out (FIFO) Tray and Slot
Electrical:	120VAC supplied by instrument
Air Pressure:	4.1 bar minimum (60 psi)
Dimensions:	W: 457mm (18in), D: 660mm (26in), H: 330mm (13in)
Weight:	34 kg (75 lbs)



For more information scan the QR code or visit [/instruments/sample-automation-systems/](#)

There's a lot riding on our testing.™



ALPHA TECHNOLOGIES

Rheologists and Engineers

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