

SAMPLE HANDLING OPTIONS

5Q, 10Q, 3D, and HC

Seamless integration with flagship Alpha Technologies instruments. These options support low to high volume production demands with advanced sample handling, increased testing capacity, and shortened test cycle time.

3D Features

- Easy to load and view samples in the queue
- Compact, lightweight sample delivery system
- Adaptable to Premier MDR, Premier RPA, and Premier RPA+
- Can be quickly and easily retrofit to existing Premier instruments
- Two, three or four film roll capability
- Uniquely designed to minimize footprint; adds an additional 11.5 inches of width to the instrument
- Easy to pause and insert an “immediate” sample for test
- Most reliable sample transfer system in the industry

3D Specifications

Sample Capacity:	Up to 36	Electrical:	100-240 VAC, 50/60Hz, 10A, single phase
Cycle Time:	14 seconds	Air Pressure:	4.1 bar minimum (60 psi)
Film Roll:	Tests per roll: 5,000-6,000	Dimensions:	Width: 291mm (11.5in) Height: 194mm (7.7in) Depth: 464mm (18.3in)
		Weight:	13.6kg (30lbs)

HC Features

- Uniquely designed for integration during production
- Fast and easy field retrofit
- Enables overnight testing without operator interaction
- 42% increased throughput when compared older models
- 29% reduction in instrument footprint compared to older models
- Provides continuous sample testing efficiency

HC Specifications

Sample Capacity:	Up to 112, 16 samples per tray, 7 trays	Electrical:	100-240 VAC, 50/60Hz, 10A, single phase
Cycle Time:	15 seconds	Air Pressure:	4.1 bar minimum (60 psi)
Film Roll:	Tests per roll: 5,000-6,000	Dimensions:	Width: 457mm (18in) Height: 330mm (13in) Depth: 660mm (26in)
		Weight:	34kg (75lbs) approx.

SAMPLE HANDLING OPTIONS

5Q Manual Loading System

5 sample queuing

Additional 254mm (10in) added to instrument width

10Q Manual Loading System

10 sample queuing

Additional 685.8mm (27in) added to instrument width