



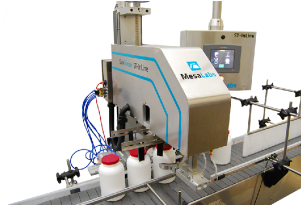


Closure Torque Analyzer Comparison Matrix

Model	ST-FT	ST-H0X	Torqo II 1600	ST-120S	ST-Inline
Application					
	Learn More	Learn More	Learn More	Learn More	Learn More
Container Sizes	Height: Unlimited Cap Dia: 0-6"	Height: Unlimited Bottle Dia: 0-7.5"	Height: 1" - 16"	Height: 1" - 16.75" Neck D: 0.25" - 7.5"	Height: 2.75" - 13.75" Neck D: 0.25" - 5"
Standard Tests	Chuck Calibration	Closure Application/Removal	Closure Application/Removal, Container/Closure Thread Fatigue, Release & Re-Apply Torque		
Optional Tests	Closure Application/Removal	TEB Break	Tamper Evident Band Break, Automated 3 in 1 (Thread Break, TEB Break, Strip), ROPP, Strip Test, Incremental, Bridge, USP Permeation and other Project Specific Tests		
Capacity	88lbfm	25 & 50lbfm	5-200lbfm	88lbfm	
Optional Topload Control	NA		Pneumatic	Pneumatic or Spring-loaded Chuck	
Optional Topload Measurement	NA			Force or Pressure	Pressure
Chuck Pressure Measurement	NA			Standard	Optional
Rotary Encoder	NA			Standard	
Data Acquisition	Peak and Real-Time				
Communication Protocols	USB, RS-232, Mitutoyo, Analog		RS232/485 (Optional USB, Ethernet)		
Drive	NA		Speed Controlled DC Motor	Servo	
Cap Rotation	Manual		Machine Controlled		
Speed Control	NA		Yes		
Cap Gripping	Manual		Serrated Cap Adapter	Serrated Cap Adapter, Pneumatic Cap Gripper	
Bottle Clamping	NA	Manual (4-post)		Automatic, Self Centering Clamps	
Safety	NA		Optional Guard	Dual Activation Safety Start Buttons, Optional Guard	Optional Guard
HMI Interface	Numeric LCD & Membrane Keys		Color Touchscreen		
Memory	1000 Test Records		50 Recipes & 2000 Test Records		
Finish	Painted Aluminum		Stainless Enclosures Anodized Aluminum Hardware	Stainless Enclosure Teflon Coated Aluminum and Anodized Aluminum Hardware	Stainless Enclosure Anodized and Painted Alumi- num Parts
IP Rating	IP54/NEMA13			IP54 or IP65/NEMA4	IP54/NEMA13
Dimensions	2.5" x 4" x 1.5"	10.7" x 7.8" x 4.8"	32" x 19" x 24"	12" x 16" x 31"	73" x 34" x 73"
Weight (lbs)	2	10.9	~75	~60	~150
Electrical/Air	Battery or 100-220VAC, 50-60Hz		Electrical: 100-220VAC, 50-60Hz, Pneumatic: 60-100PSI		