

Model CST454

CONSTANT 45° Seal Strength Tester Complies with ASTM test method F2824



Specifications:

- Instrument completely peels the lid of a cup, pinpointing exact location of trouble areas.
- Maintains 45° lid angle throughout the peel process.
- Records actual force required to open the package at 45° angle
- Stainless steel and anodized aluminum construction
- Zero backlash ball screw with permanent lubrication
- Digital force gauge can be easily removed for calibration.
- Selectable gripper separation rate: 1, 6 or 12 inches per minute
(25, 150, 300 millimeters per minute)
- User can test cups with up to 4" (100 mm) lid diameter and up to 4" (100mm) height
- RS-232 Data output
- Dimensions: 30"L x 10"W x 18"H (765mm x 255mm x 455mm)
- Instrument weight: 47 pounds (20 kilograms)
- Required utilities are 120-220 VAC and 80 PSI compressed air

Applications

- Rigid thermoformed cups
- Injection-molded cups
- Other containers

Standard Features

- Maintains a constant 45° angle between lid and container
- Universal Vacuum Holding Fixture
- Custom top plate for any sample size and shape
- Pneumatic gripper

Price List

Instrument Price:	\$14,985
TestWise Data Collection Software	\$ 875
Data Cable (required for Data Collection Software)	\$ 75
Freight and insurance	at cost



A Practical Testing Approach

Used for:

- Rigid Thermoformed cups
- Injection-molded cups
- Containers with peel-open lids
- Single-serve containers
- Trays with flexible lids
- Ready meals on trays

CST 454 Seal Strength Tester

Peeling at a constant 45° angle



Lid is pulled at a constant 45° angle

Records actual force readings as required to open package
Testing is fast, repeatable and comprehensive
Universal Vacuum Holding Fixture
Custom Top Plates for any sample size and shape