

CERATEK SHUTTLE STYLE BLISTER SEALER TA630



The CeraTek TA630 Shuttle-Style Blister Sealer is a semi-automatic shuttle blister heat sealer with built-in versatility, low tooling cost and efficient operation

Operating information

The operator places the thermoformed parts, products and die-cut lid stock into the tray fixture. The thermoformed part is located in the aperture of the fixture. The product is positioned into the thermoformed part and the lid stock is precisely located by spring-loaded pins. The fixture is pushed into the sealing area where a top-heated platen applies the heat and pressure required to heat seal the package. Upon completion of the cycle-dwell time, the operator pulls out the fixture, unloads the heat sealed packages and repeats the process. Production rates can be doubled by positioning a second operator on the opposite side of the machine.

Heat and pressure (operator adjustable) are automatically applied to the back of the coated lid stock (foil, Tyvek, paper or card). The cycle time is preset by an adjustable dwell timer. A top-moving platen incorporates electrical heater rods to transfer heat to the flat sealing die which is attached to the heater platen. Using a sculptured sealing die (optional), heat and pressure are applied only to the desired heat seal area.

Features

- Heat Sealing Area = 21" x 13"
- Packaging of pharmaceutical products and medical devices as well as consumer products
- Regular face-seal design
- Fold-over card with single or double blisters
- Single card with single or double blisters
- Other designs to solve unique applications
- Dimensions: 71" L x 54" H x 44" W
- Fully automatic models also available

Technical Specifications

- Pneumatics:
 - JIC Type heavy duty 8" cylinder
 - Intake filter
 - Intake lubricator
 - Intake pressure regulator with pressure gauge
- Piping: All copper and brass piping for long life
- Drive: Separate drive plate to remove heat from the air cylinder and valve system
- Electrical Requirements: 230 volt/1 phase/60 cycles or 3 phase/208 volt or 480 volts
- Electrical System:
 - Disconnect -> Fused
 - Switch -> Oil tight, industrial switch components
 - Timer -> Digital timer
 - All enclosed in dust-tight wiring cabinet
- Heaters: Stainless steel rods with high temperature insulation
- Temperature Control: Digital PID controller
- Construction:
 - Heavy duty welded steel frame
 - Steel rails with nylon slides
 - Full safety guards
- Dimensions:
 - 71" long (including shuttle rails)
 - 54" high
 - 44" wide
- Weight: 300 lbs