



Measure



Improve



Service

CERATEK TA12-ASL/1 HEAT SEALER



Precision Laboratory Heat Sealer on an open back frame with upper and lower heated jaws, each independently controlled, featuring a digital timer and temperature controller, surface mounted thermocouples, dual action cylinders, electronic timer activation. The standard instrument includes one set of 1" wide flat dies (one upper die and one lower die).

Available options

- Power options: 110V, 60 Hz or 220 V
- 12" and 24" models
- Serrated sealing dies (1" width only) matched sets for upper and lower jaws are available with options for both type and direction of serrations.
 - Coarse serrations (6.5 serrations/inch)
 - Fine serrations (20 serrations/inch)
 - Crosswise (perpendicular to 12" length)
 - Lengthwise (parallel to 12" length)
 - Available fl at surface dies widths 1/8", 1/4", 3/8", 1/2", and 1"
- Cycle-Hold Mechanism allows the operator to engage a locking mechanism which will hold the jaws together at the end of a cycle for any length of time until the operator triggers the release switch on the front panel.
- Short-Cycle Indicator will disable the sealer anytime that a seal cycle is terminated before the entire programmed dwell time has fully elapsed, indicating to the operator that the last item sealed has a potentially inadequate seal.
- Temperature Alarm high/low settings with lockout/reset feature.
- 12" x 12" Removable Work Surface provides an area to prepare the material that is to be heat sealed.
- Removable Backstop
- Adjustable Backstop
- Consumables Replacement Package

Physical specifications

- Standard base size
12" model: 412.8 x 492.3 mm
24" model: 692.2 x 492.3 mm
- Machine height:
12" model: 536,7 mm
24" model: 536,7 mm

Operational specifications

- Timing range: 0.01 to 99.99 seconds
- Repeat accuracy: +/- 0.2 seconds
- Temperature range: Ambient to 400°F
- Model TASL/1 Display Accuracy: +/- 2* of setpoint
- Temperature Profile Range:
12" model: + 2% of actual
24" model: 4% of actual
- Pressure range: 5 to 100 psig
- Regulator repeatability: +/- 3.6 psig
- Model TASL/1 Gauge accuracy: 2 1/2 % of Full Scale (IAW ASME/ASNI B40.1, Grade A)
- Electrical requirements: 100-130 Volts AC, 15 Amps, 60 Hz, 1 Phase (Note: 220V 50 Hz Optional)
- Pneumatic Requirements: 125 psig MAXIMUM ((Compressed air, CO2 or Nitrogen.)