New Generation
Bar Pouch Sealer (Model BPS-010)

The Somex Automation New Generation Bar Pouch Sealer (Model#: BPS-010) is a compact tabletop bar sealer. PLC controlled and interfaced with a label printer to control (poka-yoke) your pouch labeling and sealing process. It incorporates the new upgraded control system. The upgraded design of the Bar Pouch Sealer Machine features state of the art technology.
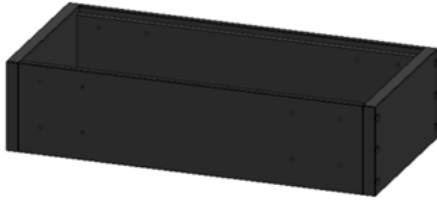
KEY FEATURES

- Accurate digital control of temperature, pressure, and time.

- Includes an Allen Bradley PLC programmed with standard functions for barcode & printer integration functionality

- Interfaces with a label printer to poka-yoke the sequence of the sealing and printing process to mitigate against the occurrence of un-labeled and un-sealed pouches leaving the sealing station.

- CE Compliant.

- Touch screen Allen Bradley 7" HMI key features include:
  » Recipe-based product/parameter selection through barcode scanner or from HMI.
  » Display/monitoring of the process parameters, (temperature, pressure & time) and process alarm messages.
  » Calibration screen to simplify the calibration process.
  » 450mm sealer bar with 10mm seal width. Other widths are available upon request.
  » Sealer tooling defines the sealing position of the pouch and verifies the correct pouch size for the UPN.
  » Ethernet sensors for pouch size detection/ confirmation - additional pouch sensors can be fitted without wiring and configured from the HMI.
  » The number of pouch sensors is dependent on the number of pouches to be sealed and the pouch sizes.
  » Proportional electronic pressure regulator. The sealing pressure is a parameter in the recipe and will be selected automatically when the recipe is selected.
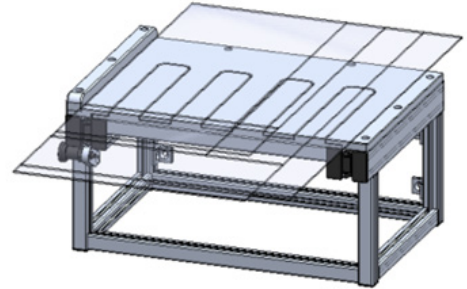 » Ethernet Barcode scanner which is 2D barcode compatible.

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OPTIONS

Sealer Stand

Raises the height of the sealer on the tabletop.

Adjustable Pouch Support Platform

Assists in locating the pouch. Other Pouch Platforms can be designed on request.

PARAMETERS

Temperature: Ambient to 150°C (300°F)
Pressure: 0 to 6 bar (0 to 90 psi)
Time: 0 to 10s
Standard Max Pouch Width: 400mm (16")
Voltage: 230VAC

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