
POWER SEALER EX

Steamsealer

Audion steam sealer is a unique type of sealer that allows to seal bags without electric supply. The sealer uses pressured steam for heat source. During sealing, pressured steam is introduced to the sealing pipe situated on the lower seal bar. The sealing temperature corresponds to the pressure of the steam supply.

The steam sealer is explosion proof, as it does not have its own source of ignition and is safe to be used to seal products in hazardous environment. With a conventional production system, products must be transported from hazardous area to a safe zone for packaging.

By using Audion steam sealer, the products can be packed on site. It is no longer necessary to transport the products and the process becomes more efficient.

This machine comes standard as tabletop model, the support is optional.

Please note that the photos are of the sealer with vacuum nozzle (this is the VAC PSR EX version)

Additional requirements for this sealer

- Steam pressure regulator: for adjusting the supply pressure of saturated vapor to the sealer.
- Pressure gauge: for checking the pressure of saturated vapor at the interface point.
- Steam trap: for removing drained water.
- Vapor supply valve: for stopping vapor supply after operation.
- Bypass valve: for blowing and exhausting initial air, drain, etc.
- Safety valve: needed when primary steam pressure is more than 1.0 MPa.

Options

- Support stand
- Working table
- Steam pressure generator
- Piping system for steam supply and drain

SPECIFICATIONS

Product	PSR EX
Seal length	610 mm
Seal width	8 mm
Type of machine	Steam impulse/ single side seal
Model	Table/Floor
Covering	Stainless Steel
Knife	No
Pedal operated	Yes
Type of film	Laminate, PE (Polyethylene), Aluminum Laminated Bags
Thickness of film	2 x 200 micron
Control system	Air PLC controller
Machine dimensions (LxWxH)	780 x 558 x 312 mm
Seal bar actuation	By air cylinder
Pneumatic supply	0.55 MPa
Steam supply	0.3 – 0.8 MPa (depending on required sealing temperature)
Steam flow	Over 10 kg/h
Sealing temperature	Approx. 130 – 175 °C (corresponding value from the saturated vapor pressure)
Heating time	Approx. 1 – 20 seconds
Cooling time	Approx. 3 seconds (fixed)
Type of product	Product packed in explosive environments

Branche/Application

Industrial Parts, Pharmaceutical Industry