

# Automatic Sealer TISA-455D Double Impulse



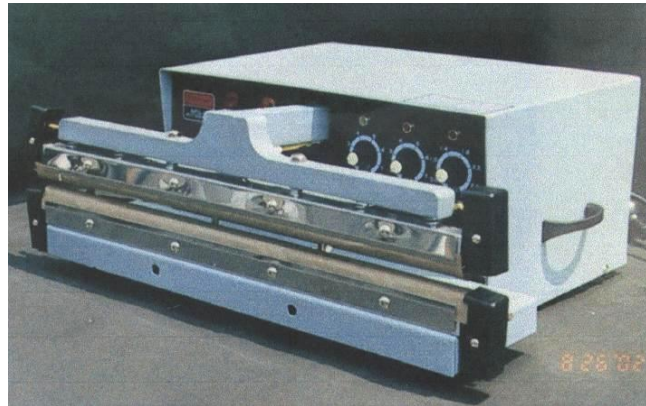
*Automatic impulse sealing with precise electronic control*

*Dual mode operation: auto or manual*

*Foot switch allows both hands to be free*

*3 separate control settings for sealing time, recycle time and congealing time*

*5mm upper and lower sealing elements, for higher heat penetration for thicker materials sealing*



TISA-455D is designed for heavy-duty sealing of thermoplastic materials. The sealer can seal materials up to 17" wide and 20 mil total thickness. There is a 5mm-width heating element on the upper and lower seal bars. When the sealer is activated in the auto mode or the manual mode, the seal bars come together at the same spot for a strong seal weld on thick material. The sealer fuses the material from both sides simultaneously. This gives a faster and better seal for the thicker or hard to seal material. The sealer is equipped with an electronic timer and an electromagnet. The unit operates on impulse sealing and is controlled by a plug-in transistorized circuit board. Once correct settings have been established, consistent seals will be maintained automatically. Sealer includes an electric foot switch and work table.

#### **Easy to operate:**

For auto-operation, set the action selector switch for AUTO, adjust the heat sealing, congeal and recycle setting for your material. The upper sealing bar will have a continuous up (open) and down (close) movement, The operator can set the frequency of the movement by adjusting the recycle knob. Just insert the material to be sealed when the seal bar opens and remove when the seal is done. (when seal bar lifts off the bag). It is recommended that the congeal time be set at the same setting as the heat sealing setting or higher. The congeal time will give the thicker material a chance to cool while still being held firmly in place by the seal bars for that perfect seal.

For manual operation, set the action selector switch for MANUAL, adjust the heat sealing, congeal and recycle settings for your material. Activate the foot switch by pressing down the foot switch. The upper sealing bar will come down one cycle through the heat sealing, congeal and recycle. Just insert the material to be sealed when the upper seal bar is in the open position and remove when the seal is done (when seal bar lifts off the bag). It is recommended that the congeal time be set at the same setting as the heat sealing setting or higher. The congeal time will give the thicker material a chance to cool while still being held firmly in place by the seal bars for that perfect seal.