

Hot Wire Bottle Cutter



Product Info :

Hot Wire Bottle Cutter, also known as a section weight analysis machine is a technology that helps the bottle manufacturer to get a PET bottle or container sliced into three major sections so that the sections can be weighed further for quality analysis. This analysis is important to ensure that the material used to build the bottle is spread uniformly throughout all the sections of the container. PET bottles or containers are popularly used for the packaging of beverages and other chemicals. The manufacturer of PET bottles must ensure that the bottle quality remains as per standard. To ensure that, the user must conduct various tests so that the final product matches the client requirement. One of those test is section weight analysis. This analysis is vital to ensure that the material which is used to compose a bottle or container is uniformly spread over the entire sections.

This property of a bottle is vital to the manufacturer because if the material is unevenly spread it can create disturbances in balancing, resistance capacity of the bottle against pressure and vertical load along with its performance quality as a package.

Hence, manufacturers must ensure that the bottle sections have an even distribution of the plastic material they are made of.

Hot wire bottle cutter is a quality based equipment that helps users to cut a bottle or container in three major sections namely the top, middle cylindrical section and the bottom part. Equipped with advanced features and parts the machine allow precision based cutting and ensures zero error while the process. The wire used for cutting is made up of kanthal material which is the best quality cutting wire used in industries.

TECHNICAL DATA :

- Model No.: PCHWBC-1
- Number of PET Bottle Sections can be cut: 3 (Top, Middle Cylinder & Bottom)
- Display Type: Microprocessor-based digital
- Heating Control: Dedicated Panel that Controls Variably through Port
- Cutting Wire Material: Kanthal Element Wire
- Power Supply Requirement: 220V, Single phase, 50 Hz
- Number of Cutting Wires: 2
- Diameter of Specimen Bottle: As per standard
- Heating levels: 3 (Low, Medium, High)

FEATURES :

- Precision based Heat Monitoring Levels can be viewed on the digital display.
- Strong & Rigid PET bottle holding clamps that ensure zero movements during the cutting process.
- The digital display is microprocessor-based which ensures precise display of heating.
- Faster heating of wire for cutting the specimen allows no waste of time in a busy production line.
- Length, width adjustable clamping mechanism allows holding a wide range of sizes and shapes of bottles.
- Highly advanced cutting wire tension adjustment allows high flexibility during the test so that the user can adjust the process as per the specimen.
- A strong and rugged base plate provides a rigid hold of the machine during testing or when users apply force to cut the specimen.
- The equipment is also available in a 3-wire configuration.

Our Valuable Customer



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