

AHWC-100 Automatic Hot Wire Bottle Cutter



CanNeed-AHWC-100 Automatic Hot Wire Bottle Cutter offers an easy-to-use and cost-effective method for cutting containers for section weight analysis. It can cut PET bottle into several determined sections (The maximum is up to 5 sections). Then, the user can check whether each section is according to with the corresponding weight standard. CanNeed-HWC-100 can quickly cut PET bottle with hot wires. Clear profiles can be obtained without PET deformation. PET bottle samples can be 200-3000 ml.

Effective method for section weight analysis

- Cut in maximum 5 predetermined sections
- Precise cutting
- No need to wait for heating
- Energy saving
- Very durable

Key Features

- Dual mode heating system saves energy and extends the life of cutting wires
- Adjustable bottle finish holder accommodates a wide range of finishes without the need for special tools or change parts
- Adjustable supports hold bottles in place during cutting process. Precision scales permit wire positioning for accurate, repeatable sectioning
- 4 wire design facilitates up to 5 section cutting
- Precise scale enables the cutting positioning in a more accurate and repeatable way
- Flexible design enables a quick change from one bottle to another and easy adjustment of the cutting locations according to the size and shape of the container
- No-tool job change enables rapid job change without the need for extra tools or accessories
- Optional fixtures are available for non-round containers

Technical Data

- Bottle Capacity:
 - Length up to 360mm
 - Diameter up to 120mm
 - Finished Inner Diameter: 12.7mm – 53.3mm

Features after optimization:

- Cutting speed: Cut the PET bottle uniformly with better performance. Avoid influence of manually cutting.
- Cutting power: Able to set cutting power to suit PET bottle with different thickness with better cutting performance.
- Automatic exhaust gases release: Exhaust gases produced by the cutting will be released through the exhaust pipe automatically out of door. No indoor pollution and avoid making influence on operator's health
- Able to save settings for various different PET bottles diameters, improving cutting speed and saving time.