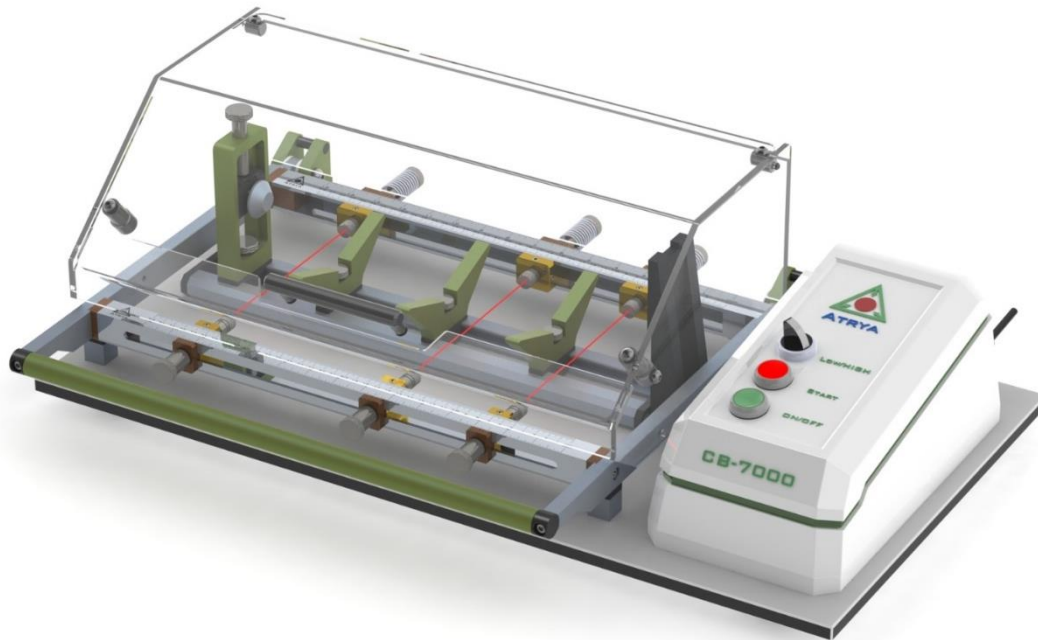


Technical Datasheet

CB-7000



Thermal Cutter for Plastic Bottles

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January 2018

Thermal Cutter for Plastic Bottles

The CB-7000 thermal cutter for plastic bottles ATRYA brand, allows the user to section plastic bottles, using hot filaments giving precision and clean cuts.

The purpose of the thermal cutter CB-7000, is assist the operator to evaluate the weight distribution on the bottles, bringing four sections of the bottle, reducing material losing, precision cuts in less time.

Technical Data	
Overall Dimensions	710 x 433 x 226 mm (27.95 x 17.05 x 8.89 in)
Approximate Weight	14 kg (30.86 lb)
Power Supply	110 V CA 60Hz
Power Consumption	550 W
V Supports	3
Cut Filaments	3
Sample Diameter	Maximum 125.00 mm (4.9 in) Minimum 50.00 mm (2 in)
Sample Height	Maximum 375.00 mm (14.76 in) Minimum 98.00 mm (3.85 in)
Finish Internal Diameter	Maximum 30.00 mm (1.18 in) Minimum 16.00 mm (0.62 in)
Distance Between Filaments ¹	Maximum 320.00 mm (12.6 in) Minimum 32.00 mm (1.25 in)

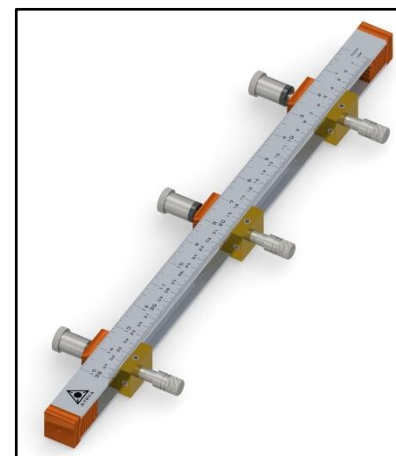
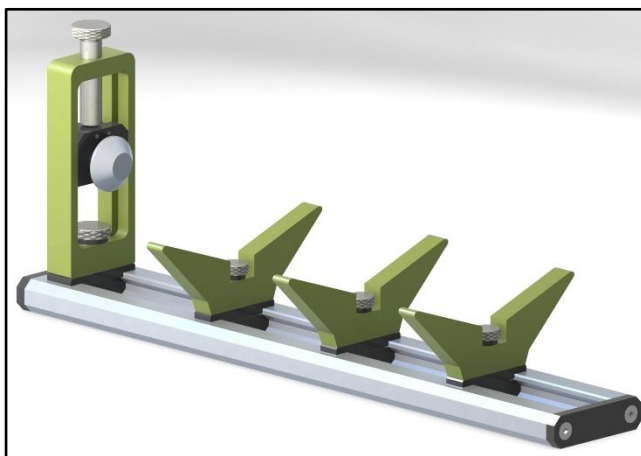


Figure 1 V Supports, Tailstock and Filaments Detail.

¹Additional filaments can variate these distances.

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Frame and linear guide fabricated with anodized aluminum, insulators with polyamides of high resistance to rust, friction and wear, filament holders in stainless steel T304. Support of Zero point, place the bottom of the sample at this reference and measure the cutting distance, helping you with the laser print metric scale of the C guides.

Nichrome wire filaments, architectonic panel support table, electric housing of fiberglass. The new system control has a magnetic presence sensor, which interrupts the energy on the filaments at the end of cut. Polycarbonate protection shield reduce the likelihood of accidents when operates the hot filaments.

Control timer interrupter for the filaments, avoids damages in the equipment and installations for overheating, in addition to a simple heat selector. The new tailstock system allows secure the samples with finish internal diameters between 16 mm to 30 mm, without parts changes, tools free adjustment, without troubles.

Overall Dimensions

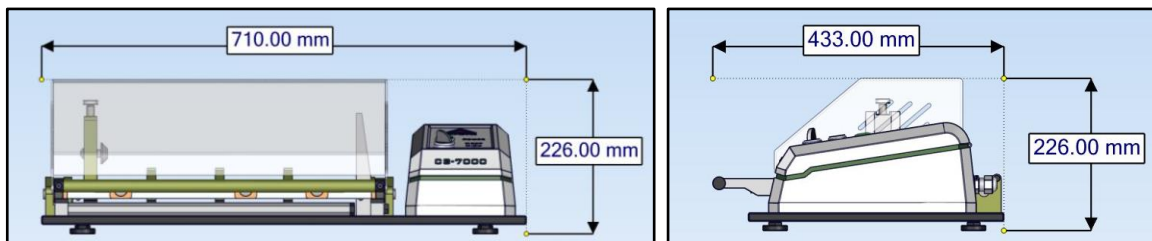


Figure 2 Overall Dimensions

Optional	
Power Supply	Choose between two configurations of power supply 110 V CA or 220 V CA 50 Hz / 60 Hz
Additional V Support	Acquire additional V supports to adjust samples with complex geometry.
Additional Filament	If you need five sections of the bottles, ask for an extra cut filament.
Protection Shield	Manufactured with high impact polycarbonate, brings protection preventing accidents with the hot filaments of the CB-7000, the high transparency of the polycarbonate allows a clear vision of the filaments and samples.
Extractor and Filter	Only available with Protection Shield, it helps to dissipate the vapors and gases created by the heating of plastic, passing it through a filter retainer toxic substance.

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