TECHNICAL DATA SHEET

Polytevo Series Laboratory Plastic Shredder

Laboratory plastic shredder · 2.2 kW · Ø160 × 70 mm working room · 6–10 mm mesh



Polytevo Series Laboratory Plastic Shredder (ACS-7002) — representative configuration

The Polytevo Series Laboratory Plastic Shredder (ACS-7002) is a compact, wheeled laboratory shredder for hard-plastic sprue and runner scrap from injection molding. Image shown for reference; final configuration is confirmed in the quotation.

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SECTION I

Product Overview

Polytevo Series Laboratory Plastic Shredder (ACS-7002) is a compact laboratory plastic shredder with a 2.2 kW motor and a Ø160 mm × 70 mm working room, used for crushing hard-plastic sprue and runner scrap from injection molding in small laboratory batches.

The ACS-7002 is compact, strongly powered and easy to move on its wheels. It is especially suitable for recovering small batches and expensive materials in the laboratory.

SECTION II

Core Advantages

— **Compact and mobile** Small footprint (W380 × D500 × H860 mm) and easy to move with wheels.

— **Sheet-type alloy steel knives** Four fixed knives and three moving knives made of alloy steel, on a carbon steel knife holder.

— **Frequency converter fitted** The machine is fitted with a frequency converter.

— **Strong drive** 2.2 kW motor on an AC 220 V ±10%, 50 Hz supply.

— **Selectable screen mesh** Screen mesh with 6–10 mm openings (selectable), carbon steel.

— **Laboratory small-batch recovery** Suited to small batches and expensive materials that are recycled in the laboratory.

SECTION III

Specifications

Technical data — ACS-7002

Specifications	
Parameter	**Specification**
Brand	Polytevo Series by ACS Material
Product Name	Polytevo Series Laboratory Plastic Shredder
Model	ACS-7002
SKU #	ERP7SHR1
Product type	Laboratory plastic shredder
Motor power	2.2 kW
Power supply	AC 220 V ±10%, 50 Hz
Working room size	Ø160 mm, depth 70 mm
Base material	Welded steel
Knife holder	Carbon steel
Fixed knives	4 pieces
Moving knives	3 pieces
Knife material	Alloy steel
Knife type	Sheet type
Hopper	Iron plate, electrostatic spray coated
Hopper support plate	304 stainless steel
Mesh size	6–10 mm (selectable)
Mesh material	Carbon steel
Frequency converter	Fitted
Dimensions (W × D × H)	380 × 500 × 860 mm
Net weight	95 kg

Scope of delivery

— **Standard configuration:** shredder and holding hopper (1 each).

— **Scope of supply** — final accessories and scope of supply are confirmed in the quotation.

SECTION IV

Applications

For crushing hard-plastic sprue and runner scrap from injection molding and for laboratory recovery of small batches and expensive materials.

Product value: a compact, mobile 2.2 kW laboratory shredder with alloy steel sheet knives and a selectable 6–10 mm screen mesh.

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