

Airbrasive Model HME Tech Sheet

Model HME



Features

- ✓ Patented vibratory feed system for uniform media flow and precise control
- ✓ Intermittent or continuous duty capability
- ✓ Extra large capacity powder chamber
- ✓ Pinch valve shutoff with wear detector
- ✓ Long life fittings at critical wear points

Description

The Airbrasive Model HME gives high volume producers the ability to micro-blast parts on production lines or in labs. This machine has been designed to accommodate both intermittent (foot switch activated) or continuous operations.

Powder flow lines are reinforced with tungsten carbide fittings for the utmost reliability in a continuous operation. It utilizes our patented vibratory feed for uniform powder flow. Powder flow is adjusted via our powder flow and pressure controls on the front panel.

Added to this machine is an auxiliary powder chamber monitored for powder level. Once it falls below a certain level, an indicator light tells the operator to fill the auxiliary chamber with powder. This guarantees consistent powder flow for continuous operation.

Specifications

Voltage	110V, 60Hz or 220V, 50Hz
Current	1 Amp
Pressure	Up to 140 PSIG
Min. Line Pressure	50 PSIG
Air Supply	5 SCFM (2.4 L/sec)
Chamber Capacity	20 lb. (9.1 kg) of powder
Powder Flow	Up to 55 grams/min
Orifice Plate	8 holes x 26 mil dia. (0.7mm)
Relief Valve Setting	140 PSIG (9.8 kg/sq. cm)
Dimensions (in.)	35-3/4" x 14-3/4" x 9-5/8"
Dimensions (cm)	90.8 cm x 38.0 cm x 25.0 cm
Weight	80 lbs. (36.3 kg)

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Standard Accessories (Included)

Description	Part #	Qty
Nozzle (Straight, Round, .050" I.D.)	AN145	1
AccuBrade 27 – Aluminum Oxide	AP101	4 lb.
AccuBrade 50 – Aluminum Oxide	AP105	4 lb.

Recommended Accessories (Not Included)

Description	Part #	Qty
Work Chamber, 110V or 220V	AA106	1
Dust Collector, 110V or 220V	AA122	1
Air / Oil Filter	AA111	1

Recommended Spare Parts (Not Included)

Description	Part #	Qty
Sleeve for SPG	AM182	1
O-Ring OD: 5.395" ID: 4.975"	AO105	2
O-Ring	AO120	1
Fitting	AQ116	1
Hose Fitting	AQ130X	2
Nipple Assembly	AQ135X	2
Fitting Outlet	AQ194X	2
Powder Filter Assembly	AR106X	1
Bottom Block, Std. Pinch Valve	AR112	1
Spring	AR118	2
Top Block, Std. Pinch Valve	AR119	1
Piston	AR120	1
Bottom Block, HME Pinch Valve	AR123	1
Depressor	AR124	1
Sleeve	AR125	1
Top Block, HME Pinch Valve	AR127	1
Pinch Tube	AR128	25
Diaphragm	AR130	1
Pinch Tube	AR142	10
Tubing OD: 0.250" ID: 0.125" Clear	AT121	25 ft.