

## Airbrasive Model K Tech Sheet

### Model K

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### Features

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- ✓ Patented vibratory feed system for uniform media flow
- ✓ Low cost, high reliability
- ✓ Instant accessibility to internal components
- ✓ Pinch valve shutoff
- ✓ Long life fittings at critical wear points

### Description

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The Airbrasive Model K gives high volume producers the ability to micro-blast parts on production lines or in labs. This sturdy machine has been designed to accommodate both intermittent 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

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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	1.5 lb. (0.7 kg) of powder
Powder Flow	Up to 40 grams/min
Orifice Plate	8 holes x 26 mil dia. (0.7mm)
Relief Valve Setting	140 PSIG (9.8 kg/sq. cm)
Dimensions (in.)	13" x 12" x 12"
Dimensions (cm)	33.0 cm x 30.5 cm x 30.5 cm
Weight	33 lbs. (15 kg)

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#### Standard Accessories (Included)

Description	Part #	Qty
Air Supply Hose	AT122	1
Nozzle (Rt. Angle .018" I.D.)	AN118	5 ft.
Nozzle (Straight, Round, .018" I.D.)	AN119	1
Nozzle (Straight, Rect., .006" x.060")	AN124	1
AccuBrade 27 – Aluminum Oxide	AP101	1
AccuBrade 50 – Aluminum Oxide	AP105	4 lb.
Funnel	AM206	4 lb.
Hex T-handle, 3/16" – 9"	AM244	1

#### 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
Nozzle Connect K, H & HME	AH112	6
O-Ring	AO118	1
Nipple Assembly	AQ129X	2
Nipple Assembly	AQ130X	2
Nipple Assembly	AQ158	2
Powder Filter Assembly	AR106X	1
Bottom Block, Std. Pinch Valve	AR112	1
Piston (Plunger)	AR115	1
Top Block, Std. Pinch Valve	AR119	1
Diaphragm	AR121	1
Spring	AR126	2
Depressor	AR129	1
Pinch Tube	AR142	10
Tubing OD: 0.180" ID: 0.092" Grey	AT105	25 ft.