AIR*BRASIVE

Airbrasive Model 6500 Tech Sheet

Model 6500



Features

- ✓ All pneumatic operation
- ✓ Quick change powder chamber
- ✓ Most economical arrangement
- ✓ Pinch valve shutoff
- ✓ Independent air and powder flow control

Description

The Model 6500 is an innovative, pneumatic microblasting machine. This unit was designed with portability in mind and for ease in field use. For powder flow control in the 6500, the vibration required to feed powder is generated by a novel "rotating ball" design with compressed air as its source of energy.

With an all-pneumatic vibrator mechanism, a quick powder change feature is viable. The powder compartment is comprised of a two-piece powder chamber that can be flipped and taken apart for easy filling within 30 seconds. The powder chamber capacity is roughly 2 pounds.

If you are looking for a compact, versatile, low-cost unit with a "quick powder change feature", this is the unit for you.

Specifications

| Pressure | Up to 140 PSIG |
|----------------------|-----------------------------|
| Min. Line Pressure | 50 PSIG |
| Air Supply | 5 SCFM (2.4 L/sec) |
| Chamber Capacity | 2 lb. (0.9 kg) of powder |
| Powder Flow | Up to 40 grams/min |
| Relief Valve Setting | 140 PSIG (9.8 kg/sq. cm) |
| Dimensions (in.) | 13" x 9-5/8" x 7-1/2" |
| Dimensions (cm) | 33.0 cm x 24.5 cm x 19.1 cm |
| Weight | 18 lbs. (8.1 kg) |

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Standard Accessories (Included)

| Description | Part # | Qty |
|--|--------|-------|
| Nozzle & Handpiece Assembly | AH101X | 1 |
| Foot Switch | AR105 | 1 |
| Nozzle (Straight, Round, .032" I.D.) | AN106 | 1 |
| Nozzle (Straight, Round, .018" I.D.) | AN119 | 1 |
| Nozzle (Straight, Rect., .006" x.060") | AN124 | 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 |
|------------------------------------|--------|--------|
| Spring for Vibrator Assembly | AM108 | 2 |
| O-Ring OD-3.637" ID-3.359" | AO106 | 2 |
| O-Ring OD-0.285" ID-0.145" | AO103 | 2 |
| O-Ring OD-0.443" ID-0.237" | AO104 | 2 |
| Fitting Assembly UNF to 0.103 Dia. | AQ114X | 2 |
| Nozzle Connector | AQ123 | 6 |
| Carbide Fitting Ass'y Pinch Valve | AR104X | 4 |
| Powder Filter Assembly | AR106X | 1 |
| Bottom Block, Std. Pinch Valve | AR112 | 1 |
| Top Block, Standard Pinch Valve | AR119 | 1 |
| Pinch Tube | AR142 | 10 |
| Tubing OD-0.170 ID-0.062 Blue | AT118 | 25 ft. |