

AIRGRIT®

Model 7650 Etching System

Provides Fast, Simple, Reliable
Permanent Dry Etch Marking



The new release of the 7650 Airgrit® machine offers upgraded electronics with enhanced safety through European Conformity (CE) standards. Much like its predecessors, the 7650 Airgrit® machine economically and permanently marks glass, metal, ceramics, plastics or other fragile materials with hard, anodized or highly polished surfaces without fracture or distortion.

Method of Operation

Operating on a forced-blast principle, the Airgrit® produces a frosted or etched impression on the surface of flat or round parts by blowing fine abrasive grit through the relieved portion of a rubber mask. The result is a high-quality frosted impression that contrasts with the product's surface.

Features/Benefits

By providing a permanent distinctive mark, this system is ideal for promoting brand recognition, date and batch code, traceability, inspection and instructional marking. Airgrit® etching is a stress-free marking process that won't distort or fracture the shape of delicate or thin-walled parts. A compact, bench top, self-contained system, the 7650 is equipped with an electronic timer and foot pedal to provide a consistent, quality, etched mark every time. Also available with under the line/over the line gun. With a quick release stencil plate, Airgrit® operation is fast, simple and reliable. An operator can learn the system in minutes.



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Airgri[®] Model 7650



Dimensions: 24.31" H x 10" W x 10" D

(61.7cm x 25.4cm x 25.4cm)

Weight: 30 lbs. (13.6 kg)

Electrical: 120V-50 AMP, 230V-.25 AMP, 50/60HZ

Air Pressure: 55 SCFM @ 40 PSI

(1.16 SCMM @ 2.76 BAR)

Marking Area: 1-1/8" Dia. (2.86cm)

Blast Time Cycle: 0 TO 5 Seconds

Grit Capacity: 1 lb. (.45kg)

Other Models



Airgri[®] Model 7001: Stationary floor unit with a marking table that can be traversed over the blasting nozzle. For an area of up to 3 1/2" x 2 1/2" (8.9cm x 6.4cm) on a flat surface.

Dimensions: 34" H x 18" W x 15" D
(86.4cm x 45.7cm x 38.1cm)

Weight: 110 lbs. (50kg)

Electrical: 110V 50/60 HZ-1.25 AMP

Air Pressure: 55 SCFM @ 40 PSI

(1.16 SCMM @ 2.76 BAR)

Grit Capacity: 3 lb. (1.4kg)



Airgri[®] 7200 Series: For marking large or heavy objects which cannot be transported to a marking station. Moveable to any location where air and electricity are available.

Dimensions: 28" H x 15" W x 15" D
(71.1cm x 38.1cm x 38.1cm)

Weight: 80 lbs. (36kg)

Electrical: 110V 50/60 HZ-1.25 AMP

Air Pressure: 55 SCFM @ 40 PSI

(1.16 SCMM @ 2.76 BAR)

Grit Capacity: 3 lb. (1.4kg)



Optional gun for table mounting.
Table not included.

Matthews International Corporation continually improves products. The right, therefore, is reserved to alter the design and/or specifications without giving prior notice.



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