

DEVILBISS AGMD PRO

Automatic spray gun

DEVILBISS®

The DeVilbiss AGMD Pro Automatic spray gun delivers optimal atomization quality and the best performance in its class.



Our engineers have taken acknowledged leading atomization technology and enhanced the market leading AGMD Automatic gun to produce the “AGMD PRO”.

Now incorporating LVMP Compliant SPRAY performance with results to match and exceed that of the traditional air caps used today. This new platform of Automatic gun technology has the ability to improve Transfer Efficiency while also providing reduced air consumption.

Improved maintenance and serviceability comes as standard from the AGMD PRO which is vital for the high demand finishing industries.

A choice of three new high performance air caps are available ensuring the AGMD PRO gun is the ultimate choice for industrial finish quality.

The new design AGMD PRO features a simple quick detach gun head which provides reduced production downtime allowing servicing exchange for maintenance in seconds. The improved internal fluid passages facilitate efficient color change and flushing cycles required by Class A finishes.

The AGMD PRO gun can be configured for standard machine mount applications or upon adapters and hose bundles suitable for most common painting robots.

DeVilbiss LVMP Compliant Atomization Technology

“Pro” high performance front end technology with removable/replaceable baffle and air cap retaining threads

New radial clamping device with quick release cam operation from either side of gun – compact and convenient

Fast cylinder cycle at lower air pressures

Same “Tool Center Point” as original AGMD model

Certified air caps with indexing facility

Plastic tip needle on St/St seat for increased life

Suitable for waterborn and solvent base coatings

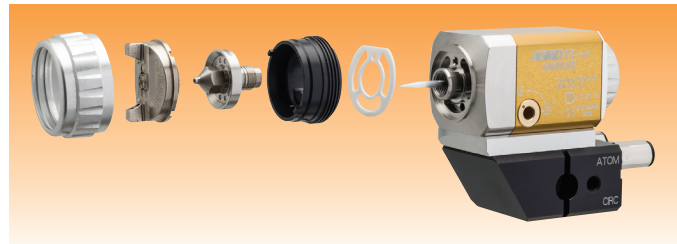
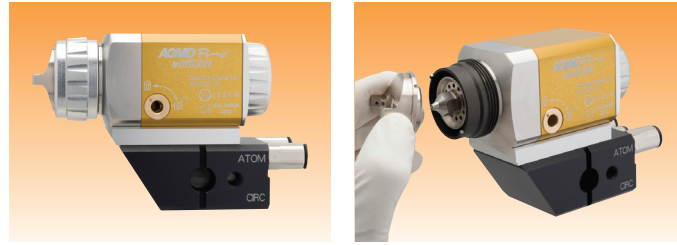
AGMD Pro®



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- Fluid path with low pressure drop and smooth passageways.
- More efficient color change.
- Radial clamping device for positive sealing and reduced risk of O-ring damage.
- No exposed clamping mechanism.
- Air cap indexing without fluid nozzle removal.
- Air cap retaining ring with integral seals as standard.
- Large piston with fast trigger cycles.
- Full trigger stroke at reduced air pressure.
- Easy maintenance with fewer critical gun body components.
- Fluid needle removable from rear of gun without complete disassembly.



Air cap type and air consumption	
TE30 High Efficiency Air Cap:	12.9 cfm (365 l/min) @ 30 psi (2.0 bar)
TE40 High Efficiency Air Cap:	12.4 cfm (350 l/min) @ 30 psi (2.0 bar)
TE50 High Efficiency Air Cap:	15.0 cfm (425 l/min) @ 30 psi (2.0 bar)

Specification	
Size – (W x H x D)	1.8" x 2.17" x 4.88" (46mm x 55mm x 124mm)
Weight – Gun Head Only	22.79 oz. (646 grams)
Fan Air – Max Pressure	75 psi (12 bar)
Atomizing Air – Max Pressure	75 psi (12 bar)
Fluid Inlet – Fluid Pressure	215 psi (max) (15 bar max)
Cylinder Air – Max Pressure	90 psi (6 bar)
Cylinder Air – Min Pressure	60 psi (3.5 bar)
Gun Head – Material	Stainless Steel
Fluid Nozzle – Material	Stainless Steel
Air Cap – Material	Plated Brass
Fluid Needle – Material	Stainless Steel (with Plastic Tip)

Part Number example:

AGMDPRO-0000-YYP



For more technical information refer to the AGMD PRO Service Bulletin SB-2-991.

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