

# DEVILBISS AGMD PRO

## Automatic spray gun

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



Our engineers have taken the acknowledged leading atomisation technology from the GTi Pro hand gun and enhanced the market leading AGMD Automatic gun to produce the “AGMD PRO”.

Now incorporating 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 whilst 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, facilitates efficient colour 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.

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### DeVilbiss Compliant Atomisation Technology

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

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

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Fast trigger cycle at lower air pressures

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Same “Tool Centre Point” as original AGMD model

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Certified air caps with indexing facility

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Plastic tip needle on St/St seat for increased life (option)

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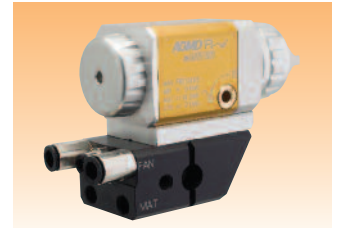
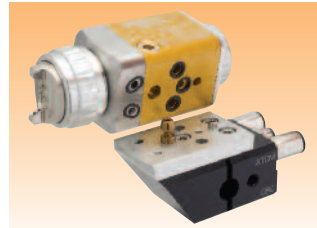
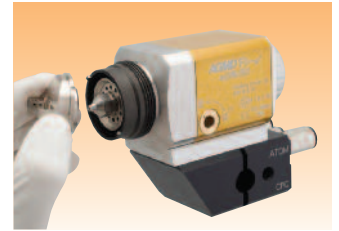
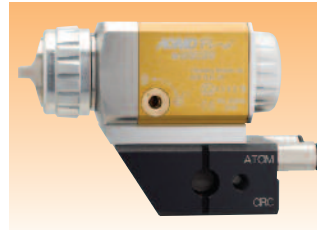
Suitable for waterborne and solvent base coatings.

AGMD Pro®

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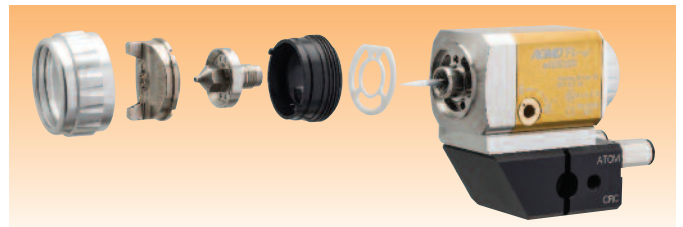


- Fluid path with low pressure drop and smooth passageways.
- More efficient colour change.
- Radial clamping device for positive sealing and reduced risk of O-ring damage.
- No exposed clamping mechanism.
- Air cap indexing without fluid nozzle removal.
- Air cap retaining ring with integral seals as 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.



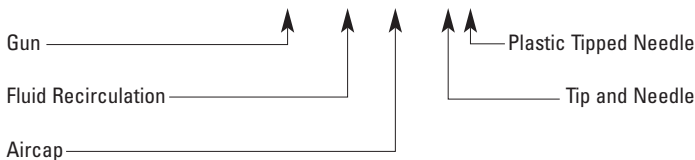
Air cap type and air consumption	
TE30 High Efficiency Air Cap:	365 l/min (12.9 cfm) @ 2.0 bar (30psi)
TE40 High Efficiency Air Cap:	350 l/min (12.4 cfm) @ 2.0 bar (30psi)
TE50 High Efficiency Air Cap:	425 l/min (15.0 cfm) @ 2.0 bar (30psi)

Specification	
Size - (W x H x D)	46mm x 55mm x 124mm
Weight - Gun Head only	646 grams
Fan Air - Max Pressure	12 bar
Atomising Air - Max Pressure	12 bar
Fluid Inlet - Fluid Pressure	15 bar (max)
Trigger Air - Max Pressure	6 bar
Trigger Air - Min Pressure	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)
Main O Ring - Material	Viton Extreme and Polyethylene



**Part Number example:**

**AGMDPROU-XXXX-YYY**



For more technical information refer to the AGMD Pro Service Bulletin.

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