

Compact V Pressure Feed spray gun

Compact V is a new product development based upon the very successful DeVilbiss Compact platform. Compact V is engineered from the very best materials and utilises high quality stainless steel fluid passageways, tips and needles and a range of specially hardened tips and needles to provide users with a robust spray gun for those abrasive and difficult to handle materials found in many industrial finishing markets.

This light, well balanced spray gun sets new levels of control and increases productivity by greatly reducing operator fatigue.

A wide selection of Air Caps and Fluid Tips/needles provide the best atomisation and finish with minimum rejects over an extensive range of abrasive and difficult to handle materials including solvent/water-borne paints, enamels, glaze, twin pack and many other difficult to handle finishing materials. Fluid flow rates of 800cc/min or more are achieved to satisfy heavy demand surface coverage.

Typical Applications

- Ceramics
- Enamel
- Glaze
- 2K Materials
- Difficult to handle materials



Compact V

by DEVILBISS

Stainless Steel Pressure Feed Spray Gun

- Robust, rugged, ultra light, work friendly design for higher output on difficult materials
 - Trans-Tech fully EPA compliant, HVLP and advanced conventional air caps
- Ultra lightweight, greatly reduces RSI and operator fatigue
 - CE marked and fully ATEX approved
 - Suitable for all industries and applications

Compact V

by DEVILBISS

Pressure Feed - Air Cap, Needle and Fluid Tip combinations

COMPACT'S unrivalled spray performance is achieved with the utilisation of the very latest "cutting edge" atomisation technology.

We offer a range of high-grade Stainless Steel and specially hardened Fluid Tips and Needles, matched with "TRANS-TECH®" EPA Compliant, HVLP or Advanced Conventional air caps, manufactured from Plated Hard Brass for a long and durable working life. Please select your Compact air cap and tip combination's to provide you with the Optimum performance for your individual spray process.

IMPORTANT: The table lists the entire Compact V tip and cap combinations, all "same technology" air caps and fluid tips are interchangeable. For further technical features and benefits please see the Compact V Service Bulletin.

Compact V "Green" Stainless Steel **PRESSURE** Gun

Fluid Tip/needle size and code [mm] – 0.5, 0.7, 0.85, 1.0, 1.2, 1.3, 1.4*, 1.6, 1.8*, 2.0, 2.2* and 2.8*

*Special hardened tips and needles are available, in these sizes for use with abrasive materials such as glaze and vitreous enamels.



Compact "V" gun with standard stainless tip/needle.



Specially hardened tips and needles are also available.

Example of COMPACT V stainless steel spraygun part numbering:- COM-PS522G-14 means...

COM = COMPACT GUN / P = Pressure / S = Stainless Steel / 522 = Trans-Tech Air Cap / G = Green Gun / 14 = 1.4 Fluid tip and needle
For hardened fluid tip and needle please add an 'N' after tip size eg: COM-PS522G-18N

COMPACT V Air Cap Number and Type	Air Consumption	Air Inlet Pressure Bar (psi) recommended	*Typical Fluid Flow ml	*Typical Fan Pattern size mm
COM-430 Conventional	339 l/min (12 scfm)	3.5 bar (50 psi)	200-280	200
COM-443 Conventional	345 l/min (12.3 scfm)	3 bar (45 psi)	200-300	300
COM-465 Conventional	249 l/min (8.8 scfm)	3 bar (45 psi)	240-300	285
COM-470 Conventional	465 l/min (16.4 scfm)	3 bar (45 psi)	†500-1800	†420
COM-497 Conventional	510 l/min (18 scfm)	3.5 bar (50 psi)	200-600	380
COM-500R (HVLP)	195 l/min (7 scfm)	1.0 bar (14 psi)	130-190	Round spray
COM-505 (HVLP)	385 l/min (13.6 scfm)	1.4 bar (20 psi)	130-190	270
COM-510 Trans-Tech	283 l/min (10 scfm)	2 bar (29 psi)	160-220	270
COM-513 Trans-Tech	394 l/min (14.1 scfm)	2 bar (29 psi)	200-800	350
COM-522 Trans-Tech	410 l/min (14.5 scfm)	2 bar (29 psi)	200-600	350
COM-523 Trans-Tech	410 l/min (14.5 scfm)	2 bar (29 psi)	200-400	300
COM-590 Trans-Tech	218 l/min (7.8 scfm)	2 bar (29 psi)	0-150	150

COM-505(HVLP) and COM-500R(HVLP) air caps operate at 0.7 bar (10 psi) at the cap. *Flow rates and fan size will vary according to paint/material viscosity and pressures used. †Ceramic material.

Spray gun inlet thread sizes & type :-

Air Connection	1/4" (m) Universal Thread size, accepts BSP and/or NPS connectors.
Fluid Connection	3/8" (m) Universal Thread size, accepts BSP and/or NPS connectors.

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