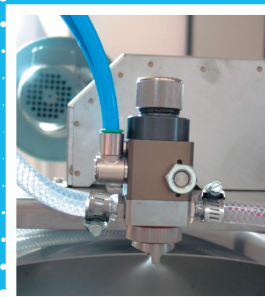


**VIPER - The NEW automatic spray gun for the Glaze & Ceramics industries.**

DeVilbiss Viper is a completely new design of spray Gun, purpose made for the tough working conditions in the Glaze & Ceramics industries. The Gun uses the latest advances in atomising technology to provide customers with a cost effective air atomising automatic spraygun with many unique features and benefits.

- Patented **“Quick’Up”** system provides fast & easy disassembly of the Air Cap and Fluid Tip which dramatically reduces production downtime. The working parts of the Gun can be completely stripped in seconds without the use of Tools.
- Patented **“Bellows”** system protects the Needle and needle packing which extends the spray gun operating life cycle.
- Control of Spray Performance and fluid flow is unequalled due to the Fluid adjusting knob with 18 indexing positions.
- Viper is an Innovative Automatic Spray Gun for the Ceramics industry, ideally suited for Sanitaryware, Tableware, Ceramic Tiles and applying Vitreous Enamel to many household electrical appliances.

A new generation of Conventional and Trans-Tech “Compliant” air caps provide even atomisation and deposition to reduce rejects with high flow rates with repeatable accuracy on high production processes.



# Viper

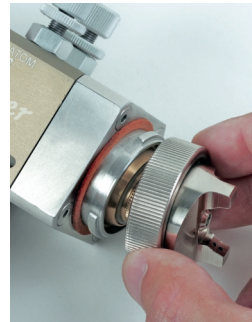
## The needle virtually never needs to be replaced

- Easy and fast cleaning is provided by the unique and instant 1/4 turn air cap and fluid tip removal system (**“Quick’Up”** patent).
- Patented **“Bellows”** assembly protects and reduces spray gun maintenance.
  - Completely New air cap range for higher transfer efficiency and durability.
    - Exceptional finishing quality.
    - Long life with extended serviceability.
    - Wide range of Stainless Steel (hardened) fluid tips for all Glaze & Ceramic applications.
    - One piece needle with composite tip, dramatically prolongs working life cycle.

## Viper

E31 Air Cap (Trans-Tech) is designed for small to medium fluid flow rate applications with Stainless steel "heart" hardened fluid tips - sizes available in : 1.2, 1.4, 1.6, 1.8 and 2.0 mm. The E31 Trans-Tech Air Cap is fully compliant with European Environmental Legislation and is designed to produce the best transfer efficiencies and material savings.

E63 and E70 Air Caps (Conventional) are designed for higher fluid flow rates for use on Sanitaryware and Ceramic Tiles etc with Fluid tip sizes of 2.2 and 2.8 mm.



Instant 1/4 turn air cap removal system



Instant 1/4 turn fluid tip removal system

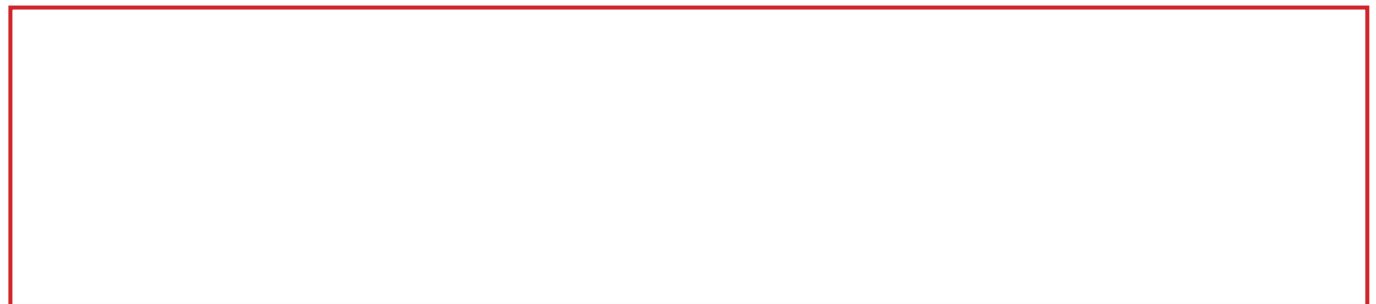


"Bellows system"

**VIPER part number examples : VPR-E31-18** VPR = VIPER / E31 = Trans-Tech air cap / 18 = 1.8mm fluid tip

VIPER air cap and type part number	Air consumption	Air inlet pressure bar (psi) recommended	Fluid flow ml	Fan pattern size mm
SPA 100 E31 (Trans-Tech)	400 l/min	3.5 bar (51 psi)	100-600	300
SPA 100 E63	450 l/min	3.5 bar (51 psi)	600-900	300
SPA 100 E70	500 l/min	4.0 bar (58 psi)	>700	450
The VIPER spray gun is also available for robot applications for further details please see the service bulletin				
<b>Specification</b>				
Fan and atomizing air connection 1/4 BSP female				
Operating air connection 1/8 BSP female				
Fluid connection 1/4 BSP female				
Gun weight : 620g • Length : 120mm • Width : 45mm • Height : 90mm				

VIPER is not recommended for Solvent based materials



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