

# DEVILBISS PRO LITE

## Manual Spray Gun range

Professional spray equipment for Fine Finishing.

**DEVILBISS®**



### Devilbiss expertise and performance unequalled at work...

The GTi PRO Lite spray gun family ensures there's a Devilbiss spray gun to suit all types of industrial spray finishing applications.

Pressure, Suction and Gravity feed, the range utilises a comprehensive range of new development Air Caps and fluid nozzles to provide outstanding atomisation for handling all types of Industrial solventbased and waterbased coatings.

The superior PRO Lite performance is achieved with new and improved design technology utilising free breathing high capacity air passages and a coaxial linear air valve to provide unrestricted and even flow of compressed air through the gun body. This smooth air movement enables the precision-engineered air caps and fluid tips to produce superior atomisation with consistent droplet distribution throughout the spray pattern.

The PRO Lite is precision built using the highest quality materials and component parts for a guaranteed, reliable, long and durable working life in all industrial markets. A drop forged aluminium body with tough anodised external finish, high grade stainless steel fluid tips and needles and nickel plated hard brass air caps all contribute to a gun that can last in the extreme environment of the spray shop. When routine maintenance is needed then the simple design and easy to maintain format ensures minimum down time and interrupted production.

---

**Enhanced ergonomics combined with Devilbiss' legendary fit and feel** ensure incredible performance, handling and balance

---

**Comprehensive range of Conventional, HVLP and Trans Tech (High Efficiency) Air Caps** for choice of Transfer Efficiency, Atomisation power and Application requirements

---

**Extensive range of stainless steel, hardened and tungsten carbide fluid tips and needles** for all types of industrial applications

---

**Coaxial trigger air valve design** for lighter trigger pull and improved air flow

---

**Drop forged aluminium gun body and removable air baffle** for a longer working life.

---

**Fully Environmental Legislation Compliant** with high transfer efficiency resulting in significant paint savings.

---

**Air adjuster valve** provides instant "on gun" pressure adjustment for the sprayer

---

**Fully ATEX certified and authorised for use in the EU community**

**Pro**  
LITE

finishingbrands.eu



- Woodworking
- Metal fabrication
- Adhesives
- Aerospace
- Yacht & Marine
- Railway & Rolling stock
- Truck & Vehical Manufacture



G	Gravity
S	Suction
P	Pressure

**PROLT- G TE10 - 12**

<b>AIR CAP</b>
HV HVLP
TE Trans Tech/High Efficiency

<b>FLUID NOZZLE</b>
Size

**PRO Lite GUN PART NUMBER FORMAT**  
Check option table for availability of Cap and Tip size combination.



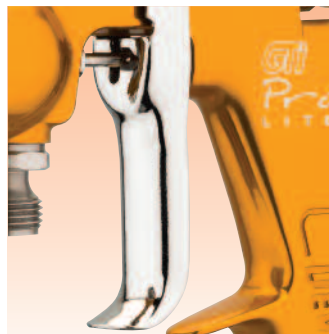
Pro LITE gun with DeVilbiss KBII 2 litre pressure cup system.



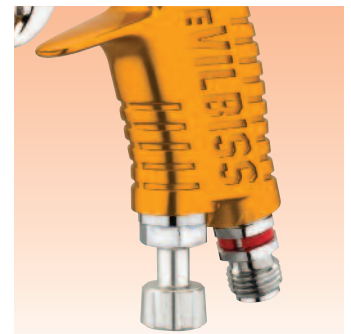
“Trans-Tech” High Efficiency OR HVLP Air Caps, St St Fluid Tips and Needles provide universal compatibility with all Industrial Spray Coatings.  
3/8” Universal Fluid Inlet Threads for BSP and NPS compatibility.  
Removable Baffle design – improved maintenance, cleaning and air control in head of gun.



Forged Aluminium Alloy Gun Body – Heavily Anodised for a Rugged Long working life.  
Wider Hook opening 14 mm.  
Gun Controls – Easy smooth Adjustment for precise control of fluid and air.  
Inline concentric Air Valve design for precise air flow triggering and easy maintenance.



Increased “Finger” Space – Easier operator access.  
Lighter Trigger Pull Tension – Decreased RSi and Operator Fatigue.  
Self adjusting Needle Packing Assy – PTFE construction.  
Comfortable operator friendly Trigger design – with reduced trigger travel.



Curved Handle design – provides superior operator fit and feel with reduced RSi and operator fatigue.  
Air Inlet Adjuster “Cheater” valve included as standard.  
1/4” Universal Thread air inlet.

**PRO Lite E Ceramic & Enamel Industry Hand Gun**



The Devilbiss PRO Lite E is an enhanced version of the PRO lite exclusively designed for heavy duty spray finishing and surface coating applications in the ceramic and vitreous enamel market.

The combination of highly abrasive coatings plus high fluid flow rates present particularly difficult conditions for application equipment, and the Devilbiss PRO Lite E has been designed for continuous and reliable performance in this environment.

The standard gun body forging is first coated with our specially developed Quickclean™ coating to reduce cleaning time and improve durability even more. Then the coated gun body is machined and fitted with a fluid passageway liner so that the fluid only ever touches stainless steel taking away any concerns regarding corrosion or fluid incompatibility.

Finally the gun is fitted with a special abrasion resistant needle packing to withstand the aggressive action of ceramic coating on the sliding needle shaft.

**The perfect gun for enamel, ceramic and glaze applications**

with drop forged aluminium body, Quickclean™ black gun body coating and specialised needle packing for a longer working life.

**Comprehensive range of Conventional Air Caps**

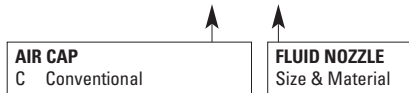
**Extensive range of stainless steel, hardened and tungsten carbide fluid tips and needles**

for all types of ceramic applications

**Increased diameter Stainless Steel large bore Fluid Passageways**

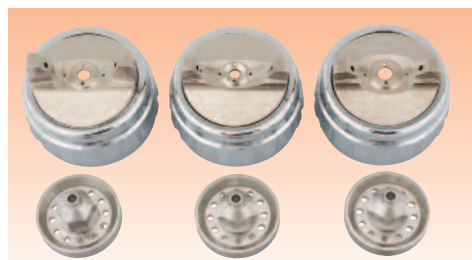
for fluid flows up to 3.5 L/min with heavy weight ceramic glaze

**PROLT- E C62 - 28C**



**PRO Lite E GUN PART NUMBER FORMAT**

Check option table for availability of Cap and Tip size combination.



Newly developed range of unique high production air caps specifically for the ceramics market with wide spray fan and high fluid flow characteristics.

Spray Gun Specifications	
PRO Lite Size (W x H x D)	170 x 175 x 18 (43mm dia head)
PRO Lite Weight	525 g
Max Air Inlet Pressure (P1)	12 bar
Max Fluid Inlet pressure (P2)	15 bar
Max Operating Ambient Temperature	40°C Nominal
Gun Body Material	QuickClean™ Coated *Drop Forged Aluminium
Fluid Passageway Material	Stainless Steel
Air Cap Material	Nickel plated Brass
Fluid Nozzle & Needle Materials	Stainless Steel, *Nitride coated Stainless Steel, *Tungsten Carbide
Seals & O rings	HDPE, FEPM
Air Inlet connection	1/4" Universal
Fluid Inlet connection	3/8" Universal

*\*Pro Lite E only*



KR-566-1-B 1 Ltr Aluminium Cup included in all Suction gun Kits



GFC-501 600ml Acetyl Cup included in all Gravity gun Kits

**Air Cap and Fluid Nozzle Options for Gravity GTi PRO Lite (used with PRO-200 series Fluid Tips)**

Air Cap	Atomisation Type	0.85 mm	1.0 mm	1.2 mm	1.3 mm	1.4 mm	1.6 mm	1.8 mm	2.0 mm
HV30	HVLP			S	S	S	S	S	S
TE10	Trans Tech (High Efficiency)			S	S	S	S	S	S
TE20	Trans Tech (High Efficiency)			S	S	S	S	S	S

**Air Cap and Fluid Nozzle Options for Suction GTi PRO Lite (used with PRO-200 series Fluid Tips)**

Air Cap	Atomisation Type	0.85 mm	1.0 mm	1.2 mm	1.3 mm	1.4 mm	1.6 mm	1.8 mm	2.0 mm
HV30	HVLP						S	S	S
TE10	Trans Tech (High Efficiency)						S	S	S
TE20	Trans Tech (High Efficiency)						S	S	S

**Air Cap and Fluid Nozzle Options for Pressure GTi PRO Lite Spray guns (used with PRO-205 series Fluid Tips)**

Air Cap	Atomisation Type	0.85 mm	1.0 mm	1.2 mm	1.3 mm	1.4 mm	1.6 mm	1.8 mm
HV30	HVLP	S	S	S		S	S	S
TE10	Trans Tech (High Efficiency)	S	S	S		S	S	S
TE20	Trans Tech (High Efficiency)	S	S	S		S	S	S
TE30	Trans Tech (High Efficiency)	S	S	S		S	S	S
TE40	Trans Tech (High Efficiency)	S	S	S		S	S	S
TE40R	Trans Tech (High Efficiency)	S	S	S		S	S	S

**Conventional Air Caps for Pressure PRO Lite E hi-flow ceramic coating applications (used with PROC-250 series Fluid Tips)**

Air Cap	Atomisation Type	1.4 mm	1.6 mm	1.8 mm	2.0 mm	2.2 mm	2.8 mm
C62	Conventional						S N C
C64	Conventional					S N C	
C67	Conventional	S N		S N C			

S = High Quality Stainless Steel Tips & Needles available in this type & size

N = Nitride Hardened Tips & Needles also available in this type & size

C = Tungsten Carbide Tips and Needles also available in this type & size

**PRO Lite E spraygun is for use on Ceramic/Enamel water based materials only.**

For Further technical information refer to the DeVilbiss PRO Lite Service Bulletins

**Sales and Service through our Global Network of Industrial Distributors**

Finishing Brands Locations

Americas: **USA** ▪ **Mexico** ▪ **Brazil**  
 Europe/Asia/Africa: **United Kingdom** ▪ **France** ▪ **Germany**  
 Pacific Rim: **China** ▪ **Japan** ▪ **Australia**

**DEVILBISS**®

www.finishingbrands.eu

email: marketing@finishingbrands.eu

