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Garage Equipment



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Digital Automatic Tyre Inflator

– airmate / pneumate – (calibration possible)

Garage Equipment – Tyre Inflators



The digital stationary tyre inflator facilitate filling and testing of car- (max. 5.5bar filling pressure) and truck tyres (maximum filling pressure 10bar). After entering the desired tyre pressure, an automatic adjustment to the preset value takes place. Operation is easy thanks to four touch-sensitive and comfortable buttons. The indication of tyre pressure is at a large, illuminated LCD display, supported by beeps. Suitable for indoor and outdoor use in wall or column mounting.

- Model **airmate** is primarily for use at service stations or filling stations, with the filling of bicycle tyres and small tyres because of possible overfilling is prohibited!
- Model **pneumate** has additional features such as setting pressure mode and nitrogen washing for professional use in tyre assemblers and car workshops.

The devices are CE marked (73/23/EEC), calibratable (86/217/EEC) and have an approval of the German PTB (Physikalisch-Technische Bundesanstalt).

Technical Data

	airmate	pneumate
Calibration certification	$\frac{18.08}{08.06}$	$\frac{18.08}{08.07}$
Medium	Air (filter installed at the entrance), or nitrogen, dry	
Max. pressure	16 bar/232psi	
Min. pressure	12 bar/174 psi (trucks) 7 bar/101 psi (cars)	12 bar/174 psi
Max. charging pressure	10 bar/145psi (trucks) 5,5 bar/79psi (cars)	10 bar/145 psi
Connections	G ¹ / ₄ i	
Pressure sensor	ceramic	
Accuracy	± 0,5 %	
Calibration	automatic	
Display units	bar/psi	
Display (backlight)	LCD, 30mm high	
Voltage (regulated)	90-240V/50-60Hz	
Power consumption	16W	
Protection category	IP54	
Fuse	3A	
Working temperature	-40 °C to +70 °C	
Dimension	ø240x100mm	
Weight (without hose)	2,5kg	
Material:	aluminum, coated	
	display polycarbonate	

Digital Automatic Tyre Inflator

Article	max. Filling pressure	Order No
airmate calibrated*, cars	5,5 bar	477.10
airmate uncalibrated, cars	5,5 bar	477.11
airmate calibrated*, trucks	10,0bar	477.30
airmate uncalibrated, trucks	10,0bar	477.31
pneumate calibrated*	10,0bar	477.20
pneumate uncalibrated	10,0bar	477.21

Main spare parts

Article	Description	Order No
PVC filling hose complete	10,0m (DN6) with clip connector	477-29
Rubber filling hose complete	10,0m (DN6) with clip connector	477-34
PU spiral hose complete	2,5m (DN6,5) with clip connector	477-42
	5,0m (DN6,5) with clip connector	477-43
Clip connector	10,0m (DN6,5) with clip connector	477-35
	brass G ¹ / ₄ i	477-31
Garage-wall holder	aluminum (Size III)	E42071
Automatic hose reels	with 12m PU-hose, G ¹ / ₄ i	477-36
Filter air inlet and outlet	PE, 100µm	477-37

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Portable Tyre Inflator With Air Tank

– airquick – (calibration possible)

Garage Equipment – Tyre Inflators



The portable tyre inflator is the ideal equipment for mobile operation. The simple, one hand operation by means of the light-weight plus-minus handle (aluminium) is easily understandable even for untrained people with the advantage of easy repair and replacement. The large gauge, positioned at a slant to prevent retention of rainwater, helps to eliminate any reading mistakes. The twin hold-on connector that goes over the tyre valve also allows the testing of twin tyres and motor-cycle tyres. The built-in airtank means that the equipment can be used independently of the source of compressed air. Refilling is done automatically when the pressure gauge is hung on its charging point ensuring that sufficient pressure is available at any time.

Technical Data

Quality tested components	EEC test approval mark C DOO C 18.08.02
Gauge, EC approved (precisionclass 1)	ø 160, 20° bended, 0-10bar Double scale 0-140psi 86/217 EEC Safe for overpressure up to 16bar
Air tank	Approval No CE2004-0036 Capacity 6liters, max. pressure 16bar, Approved as compressed gastank
Twin hold-on connector	For all tyre valves with valve threads VG8 (passenger cars, trucks, motorcycles) double connection for twin tyres
Operating temperature	-10°C up +60°C
Weight approx.	7,1 kg
Longer hoses upon request	

Portable Tyre Inflator

with air tank and filling valve

Article	Order No
0-10bar calibrated*	350.20
0-10bar uncalibrated	350.21
Filling valve - thread G ¹ / ₂	350.13

Accessories

Filling valve - with bracket G ¹ / ₂ and rubber	350.16
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Main spare parts

Gauge ø 160 0-10bar	600
Hose with hand grip and double sided push-on connector 1000mm	350-161
Hand grip with double sided push-on connector	350-162
Hose complete 1000mm	350-72
Double sided push-on connector	350-120



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* Calibration fee is charged separately



Digital Hand Tyre Inflator

– euroair digital – (calibration possible)

Garage Equipment – Tyre Inflators



152.201



152.261



152.211



Professional unit with digital manometer and PTB approval. Operated by our proven single lever operation device, rotatable filling hose with three varieties of connectors (level valve-, clip- or double side push-on connector). Air connection with coupling DN 7,2.

Meets the highest quality and performance demands in professional daily use at tire assemblers, motor vehicle service garages, fleets and in racing environments. Precision gauge indicator with a good clearness of display, combined with a simple handling and robust construction.

Technical Data

Quality tested components

National Type Approval: 18.08
09.02

Digital-Gauge

Calibration after 2 years

ø 80,

Safe for overpressure up to 16 bar

Rubber cap

Pressure ranges: 0 - 12 bar, Resolution 0,05 bar
(Deviation < 0,08 bar)

Operating temperature

-10°C up to +60°C

Lever valve connector,

Clip connector and

Double sided push-on connector

For all tyre valves with valve threads VG 8
(passenger cars, trucks, motorcycles)

Double connection for twin tyres and motorcycles.

Also suitable for inflating with nitrogen

Digital Hand Tyre Inflator

Article		weight [g]	Order No
with lever-valve connector	calibrated*	840	152.201
	uncalibrated	840	152.241
with clip connector	calibrated*	820	152.261
	uncalibrated	820	152.271
with double sided push-on connector	calibrated*	945	152.211
	uncalibrated	945	152.251

Main spare parts

Digital-Gauge with rubber cap 0 - 12 bar	152-3
Battery (3V lithium button cell - CR2450)	152-4

Option

Lever-valve connector and clip connector performance with 2.5m filling hose
Additional Order **XL** (Recommendation under BGI884)

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Hand Tyre Inflator

– euroair – (calibration possible)

Garage Equipment – Tyre Inflators



The classic hand tyre inflator constructed in light-weight aluminium with ø80 precision gauge (bar/lb/in²) is the typical professional equipment for service and tyre stations as well as workshops that has proven its quality ten thousand of times. By means of the connection to the compressed air supply all compressed air needs can be covered, for example first-time filling when mounting tyres. The single-lever operation for deflation (pressed halfway) and inflation (pressed all the way) is easy enough even for self-service. The dial with white numbers against a black background can be read clearly. A choice of three pressure ranges is offered: 0-4bar, especially for passenger car tyres; 0-10bar for universal use; and 0-25bar for airplane and other special tyres. The unit is available with the twin hold-on connector. With roating inflation hose. The connection is made by means of couplings.

Technical Data

Quality tested components

EEC test approval mark
(exception 25 bar) **D 98**
Calibration after 2 years **18.08.02**

Gauge (Quality class 1)

ø80, level, safe for overpressure up to 16 bar
Precision gauge with protection cap, graduation
Pressure ranges: 0 - 4 bar (0 - 56psi) 0,1
0 - 10 bar (0 - 140psi) 0,1
0 - 25 bar (0 - 350psi) 0,5

Operating temperature

-10°C up +60°C

Lever valve connector, clip connector and double sided push-on connector

For all tyre valves with valve threads VG8 (passenger cars, trucks, motorcycles)
Double connection for twin tyres.

Connection

Plug DN7,2 for coupling Option: G¹/₄ male thread

Also suitable for inflating with nitrogen

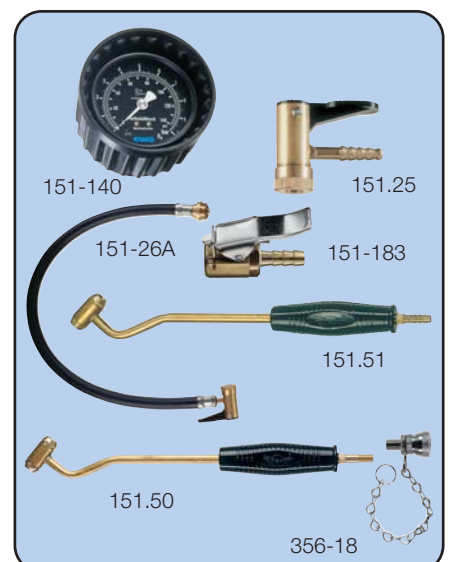
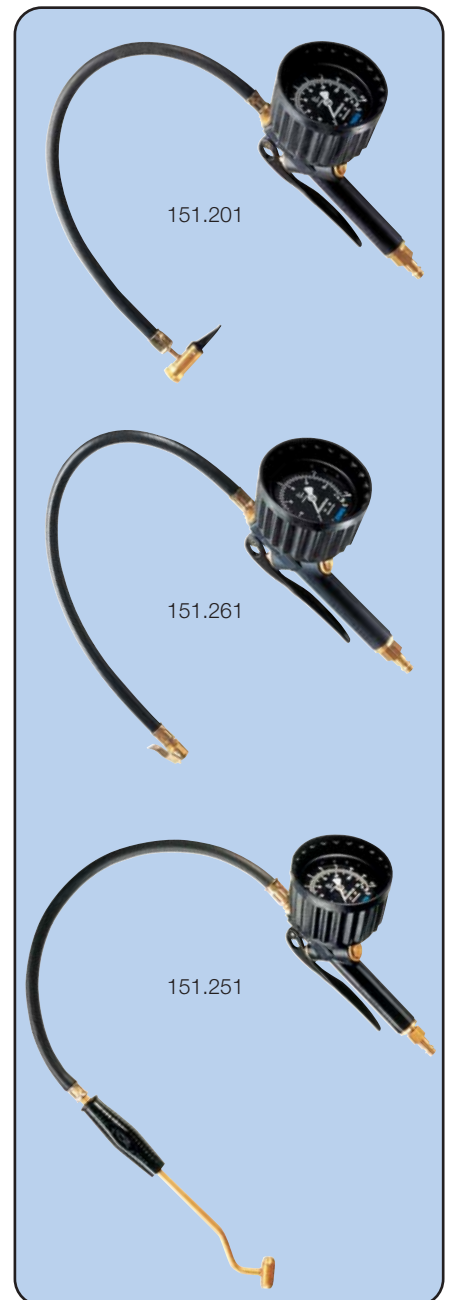
Hand Tyre Inflator gauge with double scale

Article		weight [g]	Order No
with lever-valve connector**			
0 - 4 bar / 56 psi	calibrated*	1250	151.200
0 - 4 bar / 56 psi	uncalibrated	1250	151.240
0 - 10 bar / 140 psi	calibrated*	1250	151.201
0 - 10 bar / 140 psi	uncalibrated	1250	151.241
0 - 25 bar / 350 psi	uncalibrated	1250	151.243
with clip connector**			
0 - 4 bar / 56 psi	calibrated*	1250	151.260
0 - 4 bar / 56 psi	uncalibrated	1250	151.270
0 - 10 bar / 140 psi	calibrated*	1250	151.261
0 - 10 bar / 140 psi	uncalibrated	1250	151.271
with double sided push-on connector			
0 - 4 bar / 56 psi	calibrated*	1350	151.210
0 - 4 bar / 56 psi	uncalibrated	1350	151.250
0 - 10 bar / 140 psi	calibrated*	1350	151.211
0 - 10 bar / 140 psi	uncalibrated	1350	151.251
0 - 25 bar / 350 psi	uncalibrated	1350	151.253

** Optional hose length 2500 mm (Recommendation under BGI884) Order No. + **XL**

Main spare parts

Gauge with protection cap	0 - 4bar / 56psi	151-139
	0 - 10bar / 140psi	151-140
	0 - 25bar / 140psi	151-141
Lever valve connector (valve pin captive)	with hose clamp	151.25
	with hose 500mm	151-26A
	with hose 2500mm	151-184
Clip connector	with hose clamp	151-183
	with hose 500mm	151-182
	with hose 2500mm	151-217
Double sided push-on connector	with hose clamp	151.51
	with hose 500mm	151-26B
Double sided push-on connector (for attaching to lever valve or clip connector)		151.50
Bicycle nipple (for attaching to lever valve or clip connector)		356-18



* Calibration fee is charged separately



Hand Tyre Inflator With Calibration – airmaster premium – Garage Equipment – Tyre Inflators



A compact and calibrated manual tyre pressure gauge in the classic and well-established gun shape made of deformation-resistant aluminium as attractive introductory model for the class of calibrated devices. The simple universal control with inclined and easily readable shockproof precision gauge and rotating inflating hose allows easy operation. Ideal for garages and service stations.

Technical Data

Quality tested components:

EEC Directive: 86/217/EEC

Approval mark:

C D 00

C 18.08.04

Calibration after 2 years

Gauge (Quality class 1)

ø63 overpressure safe precision gauge with metal housing and plastic protection pressure range 0 - 10 bar / 0 - 140 psi, graduation 0,1

Operating temperature

-10 °C up +60 °C

Twin hold-on connector Lever valve connector Clip connector

For all tyre valves with valve threads VG 8 (passenger cars, trucks, motorcycles, bicycles)

Connection

Connecting plug (DN 7,2) for coupling
Option: G¹/₄ inlet thread

Also suitable for inflating with nitrogen

Hand Tyre Inflator

calibrated, ø63, 0 - 10bar

Article	Connection	Order No
with lever valve connector	coupling plug DN7,2	356.221
with clip connector	coupling plug DN7,2	356.223
with double sided push-on connector	coupling plug DN7,2	356.222

not calibrated, ø63, 0 - 10bar

with lever valve connector	coupling plug DN7,2	356.321
with clip connector	coupling plug DN7,2	356.323
with double sided push-on connector	coupling plug DN7,2	356.322

Main spare parts see also page 7

Gauge with protection cap	356-29
with lever valve connector	356-12
Hose 500mm with clip connector	356-25
with double sided push-on connector	356-15

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Hand Tyre Inflator

– airmaster standard – (calibration not possible)



Garage Equipment – Tyre Inflators

The non-calibratable alternative to the airmaster premium model. Identical product features except for gauge (not approved for calibration).

Technical Data

Gauge (Quality class 1,6)	ø63, from 0 - 10bar [0 - 140psi] graduation 0,1
Operating temperature	-10°C up +60°C
Twin hold-on connector	For all tyre valves with valve threads
Lever valve connector	VG8 (passenger cars, trucks,
Clip connector	motorcycles, bicycles)
Connection	Hose tail DN6 or plug for coupling DN7,2

Also suitable for inflating with nitrogen.

Hand Tyre Inflator

ø63, 0 - 10 bar

Article	Connection	Order No
with lever valve connector	hose tail DN6	356.111
	coupling plug DN7,2	356.121
with clip connector	hose tail DN6	356.113
	coupling plug DN7,2	356.123
with double sided push-on connector	hose tail DN6	356.112
	coupling plug DN7,2	356.122

Accessories

Bicycle nipple (used with lever valve connector)	356-18
Tyre-Inflator Accessory (Bicycle-, ball- and boats nipple)	471-17

Main spare parts

Gauge with protection cap	356-19	
Gauge	279	
Protection cap	356-13	
Lever valve connector with hose clip	151.25	
Clip connector with hose clip	151-183	
Double sided push-on connector with hose clip	151.51	
Hose 500 mm	with lever valve connector	356-12
	with clip connector	356-25
	with double sided push-on connector	356-15
Seal	lever valve	1258
	double side push on	1261



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Hand Tyre Inflator

– pneulight – (calibration not possible)

Garage Equipment – Tyre Inflators



The manual tyre inflator, having a functionally and ergonomically favorable design (not calibratable) and incorporating a handle body made of highly-resistant plastics and a gauge with fine division and protective rubber cap, has an attractive cost/performance ratio. Lightweight, but nevertheless sturdy design including a finemetering inflating lever and pressure-relieving valve. For cars, construction machines, tractors, motorcycles, mountain bikes, and the like. With rotating inflation hose.

Technical Data

Max. operating pressure	10bar
Recommended working pressure	4-6bar
Operating temperature	-10 °C bis +50 °C
Intended purpose:	Inflating and relieving pressure of tyres and air tanks cleaned air
Medium:	
Materials:	Gun body: Polyamide6 GK30 (RAL5012) Lever: Polyamide6 GK30 (RAL5012) Piston: Hostaform C Seal: NBR, PU
Gauge:	ø63, overpressure safe, Precision gauge with protection cap, Precision class 1.6
Double sided push-on connector	For all tyre valves with valve threads VG 8
Clip connector	(passenger cars, trucks, motorcycles, bicycles)
Connection	Coupling plug DN 7,2 or: optionally G ¹ / ₄ inlet thread

Also suitable for inflating with nitrogen.

Hand Tyre Inflator

Polyamide, 0-10bar, calibration not possible

Article	Connection	Order No
with lever valve connector	coupling plug DN7,2	471.221
with clip connector	coupling plug DN7,2	471.223
with double sided push-on connector	coupling plug DN7,2	471.222

Accessories

Bicycle nipple (used with lever valve connector)	356-18
Tyre-Inflator Accessory (Bicycle-, ball- and boats nipple)	471-17

Main spare parts

Gauge with protection cap	356-19
Gauge	279
Protection cap	356-13
Lever valve connector with hose clip	151.25
Clip connector with hose clip	151-183
Double sided push-on connector with hose clip	151.51
Hose 500 mm	
with lever valve connector	356-12
with clip connector	356-25
with double sided push-on connector	356-15
lever valve	1258
Seal	
bicycle nipple	1265
double side push on	1261

Hand Tyre Inflator with Rotary Change Essay

Polyamide, 0-10bar, calibration not possible

Article	Connections	Order No
with rotary change essay	coupling plug DN7,2	471.301

Accessories

Rotary change essay for bicycle valves and automobile valves	G ¹ / ₄	471-24
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Aluminum Blowgun With Dosage

(forging)



Garage Equipment – Fluids As Working Agents

Blowgun dosage

with normal nozzle $\varnothing 1,5\text{mm}$ (thread M12x1,25)

The classic blowgun that has proved its usefulness a million times. Rich assortment of accessoires including nozzles, extensions and various air connectors. Pistol-form in aluminum, anodized. Lever operation.

Article	Connection	Order No
with coupling plug	DN 7,2	269.41
	DN 6	269.11
with hose tail	DN 9	269.17
	DN 13	269.18
without nozzle / without plug	M12x1,25/G $\frac{1}{4}$ female	5269.00

Blowgun dosage

with Full-Jet nozzle $\varnothing 2,5\text{mm}$ (aluminum)

Full-Jet nozzle, wide jet with high air output by means of injector producing high blowing power at sound levels of around 90dB(A). It is recommended that the Full-Jet nozzle is used at pressures not higher than 2bar.

with coupling plug	DN 7,2	269.374
	DN 6	269.324
with hose tail	DN 9	269.344
	DN 13	269.354

Blowgun dosage

with a combined safety and noise silencing nozzle –blowstar–
blowstar

A combined safety and noise silencing nozzle - to avoid risks and dangers when handling the energy carrier 'compressed air', in particular in direct skin contact. Working conditions are appreciably improved through a substantial reduction in noise to as low as 74dB(A). In contrast, the noise level of conventional blow nozzles is more than 90dB(A) at 6bar. A reduction of the noise level by 8dB(A) is experienced by the human ear already a half the noise. Nevertheless, the principle of the full-cone nozzle results in excellent concentric blowing giving maximum efficiency. The resulting blowing power is 2,5 times higher than that of a classic single-hole nozzle.

Thus, the two-part 'blowstar nozzle' is the recommended choice especially for compressed-air blow guns, but also as an individually used process nozzle.

It currently meets the following safety regulations and directives:

BG Institute for Occupational Safety (BIA)
BG regulation 'Noise' (BGVB3, §3)
OSHA Regulations
Suisse Accident Insurance Institution (SUVA)

with coupling plug	DN 7,2	269.530
	DN 6	269.531
with hose tail	DN 9	269.532
	DN 13	269.533
with inside thread	G $\frac{1}{4}$ female	269.430

Blowgun dosage

with –safetystar– extension

safetystar

Star-shaped safety nozzle avoiding risks and dangers when handling the energy carrier 'compressed air' in particular in direct skin contact. Improved working conditions because of reduction of noise down to 80db(A) and below.

It currently meets the following safety regulations and directives:

BG Institute for Occupational Safety (BIA)
BG regulation 'Noise' (BGVB3, §3)
OSHA Regulations
European Community Directive for machines 98/37/EG

with coupling plug	DN 7,2	269.220
	DN 6	269.221
with hose tail	DN 9	269.222
	DN 13	269.223
with inside thread	G $\frac{1}{4}$ female	269.224





Aluminum Blowgun Adjustable

(forging)

Garage Equipment – Fluids As Working Agents



Blowgun adjustable

with normal nozzle $\varnothing 1,5\text{ mm}$ (thread M12x1,25)

The sturdy compressed air gun with integrated control valve for controlled blow-out, cleaning drying and cooling. For critical applications such as tool making and moulding, precision mechanics, electronics, engraving and medical technologies, etc..

Article	Connection	Order No
with coupling plug	DN 7,2	269.41E
	DN 6	269.11E
with hose tail	DN 9	269.17E
	DN 13	269.18E
without nozzle / without plug	M12x1,25/G $\frac{1}{4}$ female	5269.00E



Blowgun adjustable

with Full-Jet nozzle $\varnothing 2,5\text{ mm}$ (aluminum)

Full-Jet nozzle, wide jet with high air output by means of injector producing high blowing power at sound levels of around 90dB(A). It is recommended that the Full-Jet nozzle is used at pressures not higher than 2bar.

with coupling plug	DN 7,2	269.374E
	DN 6	269.324E
with hose tail	DN 9	269.344E
	DN 13	269.354E



Blowgun adjustable

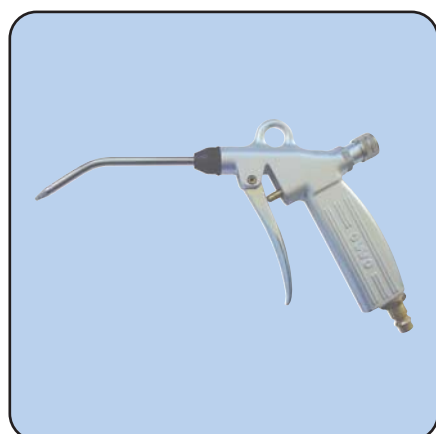
with a combined safety and noise silencing nozzle –blowstar–
blowstar

A combined safety and noise silencing nozzle - to avoid risks and dangers when handling the energy carrier 'compressed air', in particular in direct skin contact. Working conditions are appreciably improved through a substantial reduction in noise to as low as 74dB(A). In contrast, the noise level of conventional blow nozzles is more than 90dB(A) at 6bar. A reduction of the noise level by 8dB(A) is experienced by the human ear already a half the noise. Nevertheless, the principle of the full-cone nozzle results in excellent concentric blowing giving maximum efficiency. The resulting blowing power is 2,5 times higher than that of a classic single-hole nozzle.

Thus, the two-part 'blowstar nozzle' is the recommended choice especially for compressed-air blow guns, but also as an individually used process nozzle. It currently meets the following safety regulations and directives:

BG Institute for Occupational Safety (BIA)
BG regulation 'Noise' (BGVB3, §3)
OSHA Regulations
Suisse Accident Insurance Institution (SUVA)

with coupling plug	DN 7,2	269.530E
	DN 6	269.531E
with hose tail	DN 9	269.532E
	DN 13	269.533E
with inside thread	G $\frac{1}{4}$ female	269.430E



Blowgun adjustable

with –safetystar– extension

safetystar

Star-shaped safety nozzle avoiding risks and dangers when handling the energy carrier 'compressed air' in particular in direct skin contact. Improved working conditions because of reduction of noise down to 80db(A) and below.

It currently meets the following safety regulations and directives:

BG Institute for Occupational Safety (BIA)
BG regulation 'Noise' (BGVB3, §3)
OSHA Regulations
European Community Directive for machines 98/37/EG

with coupling plug	DN 7,2	269.220E
	DN 6	269.221E
with hose tail	DN 9	269.222E
	DN 13	269.223E
with inside thread	G $\frac{1}{4}$ female	269.224E

Aluminum Blowgun (diecasting)



Garage Equipment – Fluids As Working Agents

Blowgun

with normal nozzle $\varnothing 1,5\text{mm}$ (thread M 12x1,25)

The classic blowgun that has proved its usefulness a million times. Rich assortment of accessories including nozzles, extensions and various air connectors. Lever operation.

Article	Connection	Order No
with coupling plug	DN 7,2	269.41L
	DN 6	269.11L
with hose tail	DN 9	269.17L
	DN 13	269.18L
without nozzle / without plug	M 12x1,25/G 1/4 female	5269.00L

Blowgun

with Full-Jet nozzle $\varnothing 2,5\text{mm}$ (aluminum)

Full-jet nozzle, wide jet with high air output by means of injector producing high blowing power at sound levels of around 90 dB(A). It is recommended that the Full-Jet nozzle is used at pressures not higher than 2 bar.

with coupling plug	DN 7,2	269.374L
	DN 6	269.324L
with hose tail	DN 9	269.344L
	DN 13	269.354L

Blowgun

with a combined safety and noise silencing nozzle –**blowstar**–
blowstar

A combined safety and noise silencing nozzle - to avoid risks and dangers when handling the energy carrier 'compressed air', in particular in direct skin contact. Working conditions are appreciably improved through a substantial reduction in noise to as low as 74 dB(A). In contrast, the noise level of conventional blow nozzles is more than 90 dB(A) at 6 bar. A reduction of the noise level by 8 dB(A) is experienced by the human ear already a half the noise. Nevertheless, the principle of the full-cone nozzle results in excellent concentric blowing giving maximum efficiency. The resulting blowing power is 2,5 times higher than that of a classic single-hole nozzle.

Thus, the two-part 'blowstar nozzle' is the recommended choice especially for compressed-air blow guns, but also as an individually used process nozzle.

It currently meets the following safety regulations and directives:

BG Institute for Occupational Safety (BIA)
BG regulation 'Noise' (BGVB3, §3)
OSHA Regulations
Suisse Accident Insurance Institution (SUVA)

with coupling plug	DN 7,2	269.530L
	DN 6	269.531L
with hose tail	DN 9	269.532L
	DN 13	269.533L
with inside thread	G 1/4 female	269.430L

Blowgun

with –**safetystar**– extension

safetystar

Star-shaped safety nozzle avoiding risks and dangers when handling the energy carrier 'compressed air' in particular in direct skin contact. Improved working conditions because of reduction of noise down to 80 dB(A) and below.

It currently meets the following safety regulations and directives:

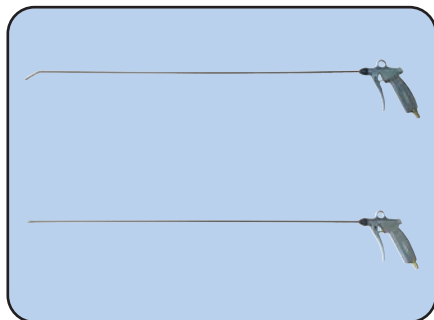
BG Institute for Occupational Safety (BIA)
BG regulation 'Noise' (BGVB3, §3)
OSHA Regulations
European Community Directive for machines 98/37/EG

with coupling plug	DN 7,2	269.220L
	DN 6	269.221L
with hose tail	DN 9	269.222L
	DN 13	269.223L
with inside thread	G 1/4 female	269.224L



Blowguns

Garage Equipment – Fluids As Working Agents

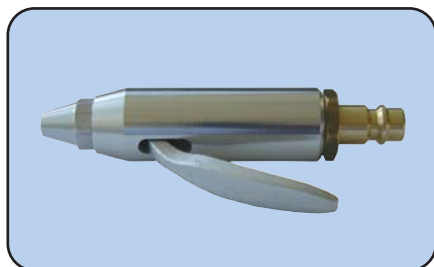


Blowgun with a special extension (diecasting)

air connection with coupling plug DN7,2

The classic blow gun that has proved its usefulness a million times. Rich assortment of accessoires including nozzles, extensions and various air connectors. Lever operation.

Article		Order No
with a special extension of 800mm	curved	269.682L
	straight	269.692L



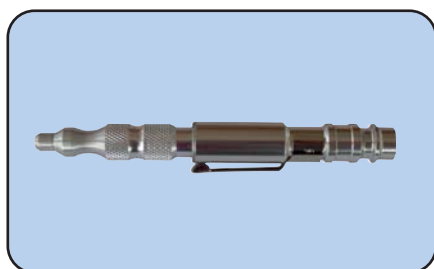
Straight Blowgun with normal nozzle $\varnothing 2,0$ mm

dosage

Article	Connection	Order No
with hose tail	DN6	270.11
	DN9	270.17
with coupling plug	DN7,2	270.41

Technical Data

Max. pressure	8 bar
Recommended working pressure	1 - 6 bar
Working temperature	-10°C up to +50°C



Blowpen

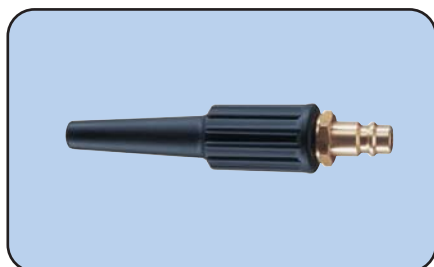
$\varnothing 0-3,0$ mm, with integrated coupling plug DN7,2

Handy blowpen with clip attachments. For quick cleaning e.g. the surface during grinding, general metal and wood working, hobbies, etc. Continuously variable airflow adjustment by convenient one-hand operation, from closed to max. Flow. Coupler can be connected directly to DN7,2.

Article	Connection	Order No
with integrated coupling plug	DN7,2	271.41

Technical Data

Max. operating pressure	12 bar
Recommended pressure	1 - 6 bar
Operating temperature	-10°C bis +60°C
Nominal rates of flow	max. 300NI/min at 6 bar
Nozzle \varnothing	adjustable 0-3 mm
Material	Housing - aluminum anodized, Seals - NBR



Rubber Blowgun

$\varnothing 2,0$ mm nozzle size

This blowgun is the ideal unit for all situations in which sensitive surfaces must not be damaged through contact (dental and paint spraying applications). Operation by bending the rubber mouthpiece.

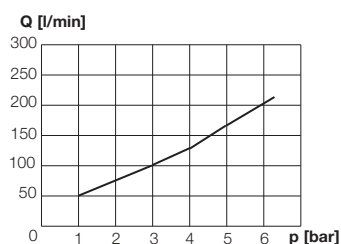
Recommended working pressure : 1 - 6 bar

Article	Connection	Order No
with hose tail	DN6	319.11
	DN9	319.17
with coupling plug	DN7,2	319.41

Technical Data

Max. pressure	10 bar
Recommended working pressure	1 - 6 bar
Working temperature	-10°C up to +50°C

Rates of flow



Blowgun With Dosage

Polyamide

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The robust polyamide blowgun with dosage out of blue crystal ball consolidated polyamide (longer life-time). As further development of the aluminum blow gun can be recommended in different applications such as weight- and material preferred reasons (textile industry, electronic devices etc.).

Infinitely variable with dosage adjustment by pressing the lever.

All nozzles and extensions from the aluminum blow gun are suitable for this blow gun.

Blowgun (neutral)

Article	Connection	Order No
with normal nozzle ø 1,5mm (thread M12x1,25)		
and coupling plug	DN7,2	470.41
	DN 6	470.11
and hose tail	DN 9	470.17
	DN 13	470.18
and inside thread	G ^{1/4} female	470.40

with extension unscrewed and rotated (steel tube nickel-plated)		
and coupling plug	DN7,2	470.141
	DN 6	470.111
and hose tail	DN 9	470.117
	DN 13	470.118
and inside thread	G ^{1/4} female	470.140

Extension with rubber attachment 470-44 - Order No. with additional **G** (e.g., 470.141G)

with blowstar nozzle (safety and noise silencing nozzle)		
and coupling plug	DN7,2	470.53
	DN 6	470.55
and hose tail	DN 9	470.56
	DN 13	470.57
and inside thread	G ^{1/4} female	470.43

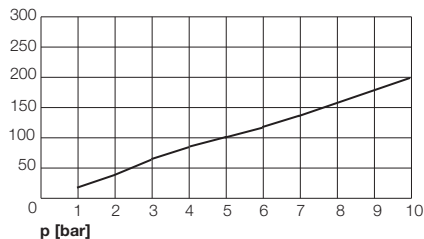
with safetystar extension (safety and noise silencing nozzle)		
and coupling plug	DN7,2	470.145
	DN 6	470.148
and hose tail	DN 9	470.151
	DN 13	470.153
and inside thread	G ^{1/4} female	470.146

Technical Data

Medium	filtered compressed air
Max. pressure	10bar
Recommended working pressure	2-6bar
Working temperature	-10°C up to +50°C
Material	
Housing	Polyamide6 GK30 (recyclable) RAL5012 (blue)
Sealing	NBR, PU
weight	150g
Sound level	above 90dB(A),at pressures above 4 bar

Q [l/min]

Rates of flow



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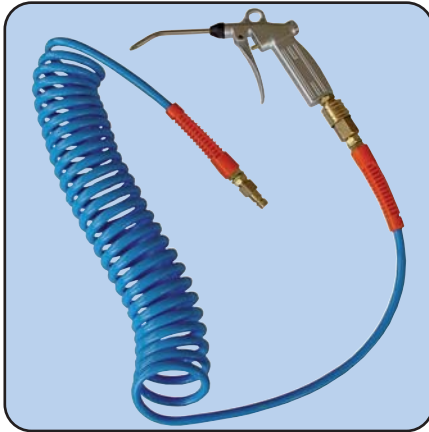
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Blowing Set – airclassic - airbasic - airprofi – Compressed Air Suction Gun

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Technical Data

Spiral hose (PU)

Max. operating pressure 8bar at max. 50°C
Max. working length approx. 80%



Blowing Set – airclassic –

Aluminum blowgun (diecasting), with extension and PU-spiral hose

Article	Order No
Blowing Set (3,5m) – airclassic – Aluminum blowgun with extension, spiral hose 3,5m, ø69 - mounted with brass coupling and plug DN7,2	472.32
Blowing Set (6m) – airclassic – Aluminum blowgun with extension, spiral hose 6m, ø69 - mounted with brass coupling and plug DN7,2	472.62

Blowing Set – airbasic –

Polyamide blowgun with dosage, extension and PU-spiral hose

Blowing Set (3,5m) – airbasic – Polyamide blowgun with extension, spiral hose 3,5m, ø69 - mounted with brass coupling and plug DN7,2	472.31
Blowing Set (6m) – airbasic – Polyamide blowgun with extension, spiral hose 6m ø69 - mounted with brass coupling and plug DN7,2	472.61

Blowing Set – airprofi –

Polyamide blowgun with dosage, extension and standard PU-spiral hose

Blowing Set (3m) – airprofi – Polyamide blowgun with extension, spiral hose 3m, ø60 - mounted with brass coupling and plug DN7,2	472.3
Blowing Set (6m) – airprofi – Polyamide blowgun with extension, spiral hose 6m, ø60 - mounted with brass coupling and plug DN7,2	472.6
Blowing Set (6m) – airprofi – with safetystar extension Polyamide blowgun with safetystar extension, spiral hose 6m, ø60 - mounted with brass coupling and plug DN7,2	472.2

Compressed Air Suction Gun (Aluminium)

for removing swarf, dust and dirt.
Suitable for surface drying after conversion.

Article	Connection	Order No
Compressed air suction gun - air connection, (plug DN7,2 subjoined)	G 1/4 male	474.000
Accessories Nozzles (rabbet and flat nozzle)		474.001

Technical Data

Medium	filtered air pressure
Max. pressure	8bar
Recommended working pressure	4-8bar
Flowrate at 6bar	500NI/min
Working temperature	-10°C up to +50°C
Weight	530g
Hose length	500mm
Suction pipe length	250mm

Nozzles

Normal nozzle with centered hole, concentrated jet with high blowing power, sound level over 90dB (A) at pressures above 4 bar.

Normal nozzle ø 1,5 (Nozzle also in other dimensions)	105-6
Polyamide, blue	470-843

Silent nozzle with sinter insert, extremely quiet, sound level generally below 70 dB (A), wide air jet with low blowing power.

Silent nozzle	269-33
Sinter insert	

Full-Jet nozzle	
Polyamide ø2mm	269-45
Aluminum ø2,5mm	269-59

Air shield nozzle, like a normal nozzle but with the addition of an air-shield which prevents small particles from flying off and also has a slight muffling effect.

Air shield nozzle	269-27
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Safety and noise silencing nozzle –blowstar–	
Nozzle with double nipple	470-39
without double nipple (G 1/4 female)	470-37
Double nipple (G 1/4 x M 12x1,25)	470-38

Extension (steel nickel-plated)		
bent	ø2,3 Nozzle, 110mm	470-12
	with rubber essay	470-72
	Safety and noise silencing nozzle –safetystar–	470-43

Special extensions (steel nickel-plated)		
bent	800 mm	470-76
straight	800 mm	470-79

Extension pipe ø5mm, nozzle ø3mm (brass nickel-plated)		
bent	110 mm	105-16A
	160 mm	105-14A
	260 mm	105-15A

Extension pipe ø5mm, nozzle ø3mm (brass nickel-plated)		
straight	115 mm	105-103
	165 mm	105-104
	265 mm	105-105
	415 mm	105-107

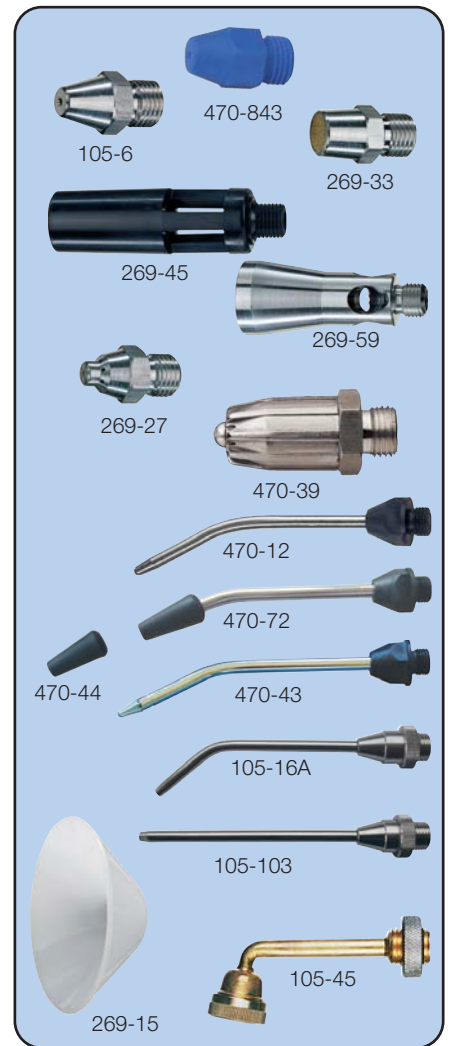
Bicycle nipple	105-45
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Accessoires

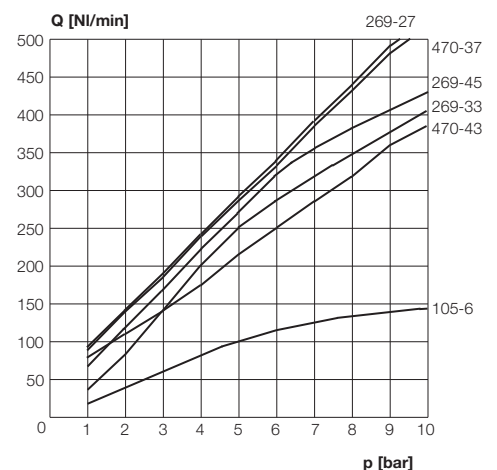
Protection shield ø 70 (between nozzle and gun)	269-15
Rubber nozzle	470-44

Technical Data

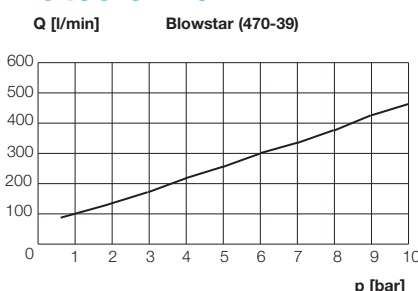
Max. working pressure	10bar
Working temperature	-10°C up to +50°C
All nozzles and extensions	thread M 12x1,25



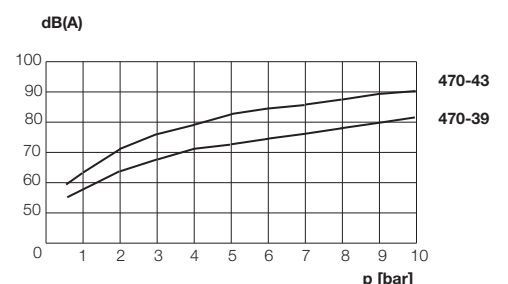
Rates of flow



Rates of flow



Noise level





Blowgun mounted with regulated Air-Saving nozzle
Order No + **S** (e.g.: 269.41**S**)

Regulated Air-Saving Nozzle

allows for optimal air flow to the desired operating conditions adapt. At the same time you reduce energy costs and noise levels. Ideal for After-equip all ewo-air guns and combined with the complete ewo-range jets.

Article	Connection	Order No
Regulated air-saving nozzle	M12x1,25a	470-84

Technical Data

Material	body: aluminum sleeve, nozzle and pin: POM
Thread	M12x1,25a
Nozzlethread	M12x1,25i
Working pressure	max. 10bar
Weight	22g
Length	57mm
Diameter	22mm



Safety flat beam nozzle application for process-nozzle (carry and cooling and for blow guns) Typ 470 and 269.

Thread	Dimension [mm]	Order No
W	L	

Safety flat fan nozzle small (6 holes)

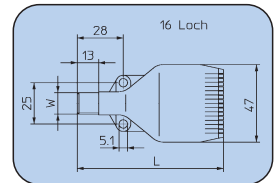
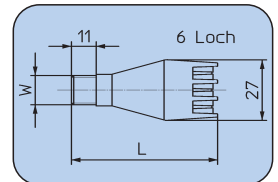
G1/4	67	470-59
M12x1,25 (with adapter)	82	470-61

Safety flat fan nozzle wide (16 holes)

G1/4	90	470-58
M12x1,25 (with adapter)	103	470-60

Technical Data

Max. pressure	6bar
Working temperature	-10°C up to +50°C
Material	
Nozzle	POM blue (Polyamide)
Adapter [470-62]	aluminum, colorless anodized



Blowgun mounted with blowgun pressure relief valve
Order No. + **B** (e.g. 269.41**B**)

Blow Gun Pressure Relief Valve

The pressure relief valve is mounted directly to the output, before the standard nozzle. With the built-in pressure regulating valve the blow-off pressure is reduced down to about 2,5-2,8bar (depending on the primary pressure 1 to 10bar).

Advantages: Safety in blowing out, noise reduction and air savings.

Article	Connection	Order No
Blow gun pressure relief valve	M12x1,25	470-82

Working pressure	1 - 10bar
Max. outlet pressure (primary pressure max. 10bar)	2,8bar



Volume Pressure Control Valve

The adjustable volume pressure regulator allows the air flow regulation and thus a pressure reduction in blowing out. Mounting on the pistol entrance.

Reduced air flow and lower flow pressure means reducing compressed air cost and noise attenuation.

Article	Connection	Order No
Volume pressure control valve	G1/4	470-83

Washing Guns

Garage Equipment – Fluids As Working Agents



High-pressure washing guns (in brass and aluminium for long life) can be connected to water pumps for working pressures up to 40 bar. Two models: one is regulated manually with a handwheel, the other is a safety model with lever operation for 'open' and 'shut'. The jet can be adjusted from full jet to spray.

Article	Connection	Order No
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Washing Gun (brass)

with regulating wheel, nozzle $\varnothing 2\text{mm}$ mounted ($\varnothing 4\text{mm}$ resolved)

with hose tail	DN13 ($1/2''$)	160.04
	DN19 ($3/4''$)	160.06

Safety Washing Gun – multiclean – (Aluminum)

with lever and regulating wheel (Recommended for cooling liquids on machining centers)

with hose tail	DN13 ($1/2''$)	404.04
	DN19 ($3/4''$)	404.06
with coupling plug	DN12 (Model 254)	404.03
with inside thread	G $1/2\text{i}$	404.30

Nozzles

$\varnothing 2\text{mm}^*$	160-4
$\varnothing 4\text{mm}^{**}$	160-4a
other \varnothing on request, max. $\varnothing 6\text{mm}$	

* mounted

** added at Model 160

Water flow rates

with different nozzles (valve completely opened) of the washing guns 160 and 404

Operating pressure [bar]		4	6	10	16	25	40
Flow rates [l/min]	Nozzle $\varnothing 2$	4	5	6,3	8	10	13
	Nozzle $\varnothing 4$	16	20	25	32	40	50
	Nozzle $\varnothing 6$	36	45	56	72	90	112

Technical Data

Max. working pressure 40bar

Working temperature $+5^\circ\text{C}$ up to $+90^\circ\text{C}$

Article	Connection	Order No
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Safety Washing Gun – proficlean – (Aluminum)

with lever and regulating wheel (Recommended for cooling liquids on machining centers)

with hose tail	DN13 ($1/2''$)	412.04
	DN19 ($3/4''$)	412.06
with coupling plug	DN12 (Model 254)	412.03
with inside thread	G $1/2\text{i}$	412.30

Nozzles

$\varnothing 2\text{mm}^*$	412-4
$\varnothing 4\text{mm}$	412-5
other \varnothing on request	

* mounted

Water flow rates

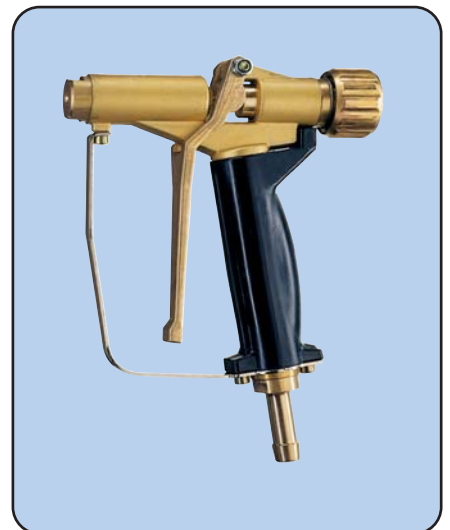
with different nozzles (valve completely opened)

Operating pressure [bar]		4	6	10	16	20
Flow rates [l/min]	Nozzle $\varnothing 2$	4	5	6,3	8	10
	Nozzle $\varnothing 4$	16	20	25	32	40

Technical Data

Max. working pressure 20bar with nozzle $\varnothing 2\text{mm}$, 25bar with nozzle $\varnothing 4\text{mm}$

Working temperature $+5^\circ\text{C}$ up to $+90^\circ\text{C}$





The spray gun (aluminum, anodized) using the suction principle for low-viscosity liquids (paraffin, wax-oil). Nozzle with \varnothing 3mm, adjustable jet. Available with straight or swivel spray-pipe. Spray container of plastic or metal as well as hose connector. Air connection: Plug for rapid-action coupling.

Classic Spray Gun – multispray –

nozzle \varnothing 3mm, adjustable jet

Article	Connection	Order No
spray pipe straight		
with plastic bowl 0,71	coupling plug DN7,2	125.241
with hose tail DN6 for spraying material	coupling plug DN7,2	125.363
spray pipe pivoting 360°		
with plastic bowl 0,71	coupling plug DN7,2	125.341

Main spare parts

Bowl (synthetic material) 0,71	251-11
Cover (synthetic material)	251-12
Metal bowl complete 0,71	125-71
Bowl (metal) 0,71	148-39
Cover (metal)	125-72
Sealing ring (cork)	148-32

Technical Data

Max. operating pressure	10bar
Recommended operating pressure	2-6bar
Operating temperature	+5°C up to +50°C
Spraying cone	about 40°
Regulating jet and bulk	distort nozzle

Air Consumption / Capillary Rise

at different operating pressures and spray-pipes

Operating pressure [bar]		2	3	4	5	6	7	8
Air consumption [m ³ /h (l/min)]	straight-pipe	2,5 (42)	3,0 (50)	3,6 (60)	4,3 (72)	5,0 (83)	5,7 (95)	6,5 (108)
	swivel-pipe	3,2 (53)	4,2 (70)	5,2 (87)	6,3 (105)	7,4 (123)	8,5 (142)	9,6 (160)
Capillary rise [m]	straight-pipe	4	5,5	6,5	7	6,5	5,5	4
	swivel-pipe	2,5	4,2	5,5	6,0	6,5	7	6,5



Spraygun for thin fluid liquids, with nozzles \varnothing 0,7mm. For spraying from the bottle or directly from the water pipe. Operation pressure 1 to 6bar. Detachable hose connection G 1/4 x DN6.

Spray Gun (for thin fluid liquids)

Article	Connection	Order No
with detachable hose tail	G 1/4 x DN6	269.35

Main spare parts

Spray part complete	269-46
Nozzle \varnothing 0,7	105-49

Technical Data

Max. operating pressure	10bar
Operating temperature	0°C up to +50°C

Water flow rate

nozzle \varnothing 0,7 - valve fully open

operating pressure [bar]	1	2	3	4	5	6
water flow [l/min]	0,18	0,21	0,24	0,27	0,3	0,33

A spray gun designed for spraying in the suction principle of underbody protection. Beam regulation by screwing in the spray tube. Detached with lock nut. Spray container of plastic, metal or tapped to support the standard dose of R40 cans, also hose nozzle for hose connections. Air Connection with coupling plug DN7,2 (model 308).

Technical Data

Max. operating pressure	10bar
Recommended operating pressure	2-8bar
Operating temperature	+5°C up to +50°C
Regulation	at spray tube

Spray Gun for Chassis

Article	Connection	Order No
with plastic bowl 0,7l	coupling plug DN7,2	355.511
with metal bowl 0,7l	coupling plug DN7,2	355.521
for commercial cans	coupling plug DN7,2	355.531

Main spare parts

Bowl (synthetic material) 0,7l	251-11
Cover (synthetic material)	251-12
Metal bowl complete 0,7l	125-71
Bowl (metal) 0,7l	148-39
Cover (metal)	125-72
Sealing ring (cork)	148-32



Air Consumption / Capillary Rise

at different operating pressures.

Operating pressure [bar]	2	3	4	5	6	7	8	9	10
Air consumption [l/min]	246	262	308	352	401	424	453	515	552
[m³/h]	14,8	15,7	18,5	21,1	24,0	25,4	27,2	30,9	33,1
Capillary rise [m]	2	3	4	5	6,5	7	6,5	6	5,5

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318.11



318.000



318-36

Low-fog spray gun with pressure cup for thick (high-viscosity) sprays and extensions of any length with ball spray head.

With this gun there is no dripping of the spray when interrupting work because a nozzle needle closes the opening of the spray nozzle. Strong one-liter aluminum cup with large filling hole. Even spraying of the thick (high-visco-sity) undercarriage-seal (wax-based or bitumen-based), with a working pressure of about 6bar and an air-flow of about 19m³/h or 315 l/min. Spraying of normal, thin spray is carried out on this spray gun with a working pressure of approx. 5bar and an air-flow of approx. 17m³/h or 285l/min.

Economical use is achieved by enveloping the spray jet in a cone of air. Easy and safe for working personnel.

When using as a spray gun pull the lever slightly.

Strong and yet light-weight construction, ideally suitable for garage work to protect against corrosion.

Air connector with G¹/₄ detachable hose connection for hose 5-6mm, or with plug for rapid-action coupling.

Spray Gun with Pressure Cup –carprotect–

Article	Connection	Order No
Spray gun, low fog	coupling plug DN7,2	318.11
with pressure cup 1l	detachable hose connection G ¹ / ₄ x DN6	318.10

on request

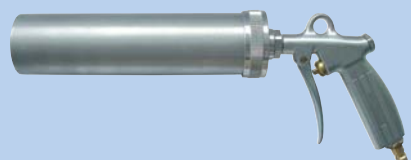
Article	Order No
Extension with ball jet nozzle	
700mm, ø6mm	318.000
Hose	
1500mm, ø6mm	318.005
700mm, ø4mm	318.006

Main spare parts

Pressure cup 1l	318-36
Sealing ring	318-40

Technical Data

Max. operating pressure	10bar
Recommended operating pressure	3-6bar
Operating temperature	+5°C up to +50°C
Air consumption	285l/min (5bar)
Weight	1500g



Compressed Air Cartridge Gun (Aluminum)

The cartridge gun works using compressed air and is suitable for using customary 310ml plastic cartridges for sealing, grooving and connecting with silicone or acrylic sealing compounds.

Article	Connection	Order No
Compressed air cartridge gun	coupling plug DN7,2	340.41

Technical Data

Medium	filtered air (dry and oil free)
Max. operating pressure	8bar
Operating temperature	+5°C up to +50°C
Recommended operating pressure	2-6bar
Weight	660g
Air requirement	60l/min

Sand Blasting Gun

Garage Equipment – Fluids As Transport Agents



For removing rusted areas that cannot be easily reached by a grinder or other equipment our sand blasting gun is just the right tool. Whether it's question of little rusty places on cars and other vehicles or machines, they will pose no problem for our sand blasting gun. In the shortest time the largest rusted places will disappear so that any priming paint will again adhere. Repainting or galvanic treatment is possible only after sand blasting.

Sand Blasting Gun

Article	Connection	Order No
with plastic cup 0,7l	coupling plug DN7,2	390.12
	detachable hose connection G 1/4 x DN6	390.11
with suction hose 1,5m	coupling plug DN7,2	390.13

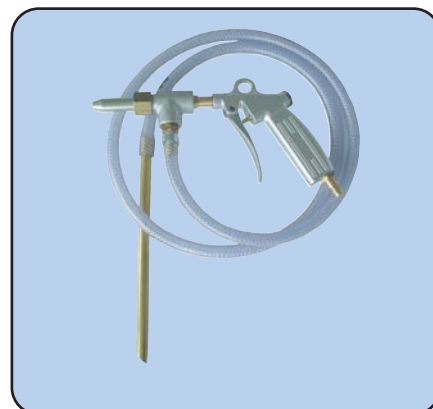
Main spare parts

Nozzle, hardened	390-2
Bowl plastic	251-11
Cover plastic	251-12
Hose complete (PVC)	390-6

Technical Data

Max. operating pressure	10bar
Recommended working pressure	4 up to 7bar
Operating temperature	0°C up to +50°C
Distance to working piece	30cm
Ø nozzle, (hardened)	4mm
Plastic bowl (content)	ca. 1,0kg
Abrasives	0,1 - 0,8mm

Preferred Abrasives: mineral or natural disposable abrasive. Shape and grain size depends on the base material and texture.



Air consumption / Capillary rise

at various operating pressures, nozzle ø4mm

Operating pressure [bar]	2	3	4	5	6	7
Air consumption [m³/h (l/min)]	6,7 (112)	9 (150)	10,8 (180)	13,5 (225)	16,5 (275)	19,5 (325)
Capillary rise* [m]	2,7	3	2,7	2,3	1,7	1,2

* The stated capillary rises are valid for water. For quarry sand the capillary rise is about 50%.

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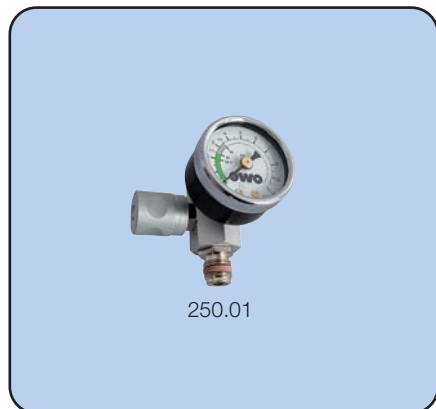


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HVLP-Paint Spray Gun – minipaint – Garage Equipment – Fluids AS Working Agents



Compact and handy spray gun CE as a mist reduced and environmentally friendly HVLP version with high colour transfer rate (>70%) with a low flow operating pressure (2,0 - 2,5 bar) at the same time.

Equipped with stainless steel nozzle components for processing water-based paint. Especially suitable for smaller surfaces, partial painting of vehicles as well as a wide range of decorative painting work.

Quality and precision accuracy paired with optimal ergonomics guarantee perfect results.

Advantages of the HVLP system:

- Excellent surface finish
- Multi-purpose application possibilities in automotive, metal and wood crafting as well as in the industries
- Compliance with legal requirements (VOC)
- Low consumption of paint
- Marginal emissions
- High level of utilisation

RECOMMENDED AIR DURING USE FOR STM HVLP: 2BAR (28,6PSI)

At the recommended air pressure the spray gun respects the European and U.S. ecological norms for which the transfer efficiency must be above 65% and /or the air pressure at the exit of the air cap must not be superior to 0,7 bar (10psi).

Paint Spray Gun

Article	Connection	Order No
Paint Spray Gun set with nozzle \varnothing0,7 mm in plastic cas	G ¹ / ₄ external thread	250.00
Content: Paint spray gun, gravity cup (plastic), spare parts set, nozzle key, cleaning kit, G ¹ / ₄ -steel coupling nipple, care oil		
Nozzle set containing:	- \varnothing 0,7 mm	250-8
- air cap - nozzle - needle	- \varnothing 1,0mm	250-9
	- \varnothing 1,2mm	250-10
Flow regulator 2bar (air throttle valve)		250.01

Main spare parts

Spare part set for Paint Spray Gun (seals and springs)		250-13
Gravity cap complete	plastic 250ml	250-14
(thread M8x0,75)	plastic 75ml	250-15

Technical Data

Working pressure	2,0 - 2,5 bar / 28,6 - 35,8 psi
Max. material temperature	40°C
Air Consumption at 2 bar	90 - 100l/min
Material	
colour nozzle and colour needle	stainless steel
pistole body	Alu die casting, chemical nickel plated and polished
cup and cover	PE
Weight	570g

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New ergonomic and versatile HVLP spray gun, which fell particularly by the issue of paint mists prevail.

This spray gun is ideal for touch up work in the body region such as spot repair as well as graphic and decorative applications.

Advantages of the HVLP system:

- Excellent surface finish
- Multi-purpose application possibilities in automotive, metal and wood crafting as well as in the industries
- Compliance with legal requirements (VOC)
- Low consumption of paint
- Marginal emissions
- High level of utilisation

RECOMMENED AIR DURING USE FOR STM HVLP: 2BAR (28,6PSI)

At the recommended air pressure the spray gun respects the European and U.S. ecological norms for which the transfer efficiency must be above 65% and /or the air pressure at the exit of the air cap must not be superior to 0,7 bar (10psi).

Paint Spray Gun

Article	Connection	Order No
Paint Spray Gun set with nozzle ø 1,0 mm in plastic cas	G ¹ / ₄ external thread	250.11
Content: Paint spray gun, gravity cup (plastic), spare parts set, nozzle key, cleaning kit, G ¹ / ₄ -steel coupling nipple, care oil		
Nozzle set containing:	- ø0,7 mm	250-46
- air cap - nozzle - needle	- ø1,0mm	250-47
	- ø1,2mm	250-48
	- ø1,4mm	250-49
Flow regulator 2bar (air throttle valve)		250.01

Main spare parts

Spare part set for Paint Spray Gun (seals and springs)		250-50
Gravity cap complete (thread M12x1)	plastic 75ml	250-51*
	plastic 180ml	250-52*
	plastic 500ml	250-20
	aluminum 500ml	250-22

* included in the set

Technical Data

Working pressure	2 bar / 28,6 psi
Max. material temperature	40 °C
Air Consumption at 2 bar	145 - 170 l/min
Material	
colour nozzle and colour needle	stainless steel
pistole body	Alu die casting, chemical nickel plated and polished
cup and cover	PE or aluminum
Weight	
spray gun (without cup)	270 g
set complete	1.270 g



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250.01



250.02

HVLP SYSTEM is the solution to combine quality and reliability with economy at the same time meeting the environmental regulations. Spray gun for the application of primers and paints in body shops; compact and light, they are particularly suitable for any paint products in industry and wood processing. Equipped with stainless steel nozzle set for use of water-based paints. Easy to use, with a transfer efficiency (>80%), these features allow product saving together with an excellent application. The ergonomics and the lightness, together with the sought-after mould nowadays make this spray gun one of the most agile and reliable of its sector.

Therefore the advantages are:

- Excellent finish.
- Great versatility, with high quality results in wood processing and for industry.
- Compliance with environmental regulations (VOC).
- Low air consumption.
- Application of water-based paints possible

Technical Data

Working pressure	2 bar/28,6 psi
Max. material temperature	40°C
Air consumption at 2 bar	200l/min/6,6 cfm
Material	
colour nozzle and colour needle	stainless steel
pistole body	Alu die casting, chemical nickel plated and polished
cup and cover	PE
Weight	880g

RECOMMENED AIR DURING USE FOR STM HVLP: 2 BAR (28,6PSI)

At the recommended air pressure the spray gun respects the European and U.S. ecological norms for which the transfer efficiency must be above 65% and /or the air pressure at the exit of the air cap must not be superior to 0,7 bar (10psi).

Paint Spray Gun

Article	Connection	Order No
Paint Spray Gun set with nozzle ø 1,3 mm in plastic case	G ¹ / ₄ external thread	250.41
Content: Paint spray gun, gravity cup (plastic), spare parts set, nozzle key, cleaning kit, G ¹ / ₄ -steel coupling nipple, care oil		
HLVP-Pressure Cup Spray Gun for structural coatings or similar viscous materials		
Spray gun with pressure cup system nozzle ø 1,3 mm in plastic cas	G ¹ / ₄ external thread	250.91
Content: Paint spray gun, pressure cup system, spare parts set, nozzle key, cleaning kit, G ¹ / ₄ -steel coupling nipple, care oil		
Nozzle set containing:		
- air cap	- ø 1,3 mm	250-2
- nozzle	- ø 1,5 mm	250-3
- needle	- ø 1,7 mm	250-4
	- ø 1,9 mm	250-5
	- ø 2,2 mm	250-6
Flow regulator 2 bar (air throttle valve)		250.01
Pressure feed system consisting of: gravity cup complete 0,68l, pressure regulator, flow regulator		250.02
Main spare parts		
Spare part set for Paint Spray Gun		250-19
Cravity cap complete	plastic 0,5l	250-20
(thread M12x1)	aluminum 0,5l	250-22
Paint sieve	PA	250-21

Accessories

Article	Connection	Packing unit	Order No
- fast line - one way gravity cup for changeable colour container			only paintprofi
Stainless steel plate adapter (V2A)	M12x1		250-25
for the fast and cheap change from colour container (no cleaning process!)			
One way colour container (polypropylene (PP))		60	250-26
		10	250-34
with cover and cover cap (also to keep possible)			
Filter insets (polyamide (PA) - mesh (nylon))			
- 105 µ (red)		60	250-27
		10	250-35
- 125 µ (green)		60	250-28
		10	250-36
- 195 µ (blue)		60	250-29
		10	250-37

Article	Mixing capacity	Packing unit	Order No
Mixing cup system to mix, fill and keep for lacquers			
Mixing cup (polypropylene (PP))	920ml		250.50
	1850ml		250.51
Cup insert (polypropylene (PP))	920ml	25	250-30
	1850ml	25	250-31
Cover (to close the cup insert)	920ml		250-32
	1850ml		250-33



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Painting Set

with pre- and micro-filters, HVLP spray gun and hose

Multi-stage air purification unit with high-quality filter elements for optimum paint. Air quality to ISO 8573.1.

Other possibilities: sand blasting and chemical plants, plastics and packaging industry and manufacturing base.

Consisting of:

- **Paint filter unit** G^{1/2} (variobloc) with metal containers and semi-automatic drain valve – Filter pressure regulator (filter element 5 microns), micro-filter (filtration efficiency 99.999% based on 0.01 micron), distribution block with 2 couplings (5 Pressure Disposals), Wall (2-fold).
- **HVLP-Paint spray gun** minipaint or paintprofi (in plastic case with accessories).
- **Painting and air hose** 8 m long (mounted with coupling and plug DN 7,2).

Article	Order No
Painting-Set – minipaint	250.001
Painting-Set – paintprofi	250.002

Painting-Set basic units

Paint filter unit variobloc (with pre- and micro-filter)	250.003
Paint filter unit variobloc (with pre- micro- and activated carbon filters)	250.004
HVLP-Paint spray gun minipaint completely	250.00
HVLP-Paint spray gun completely	250.41
Painting and air hose completely	E40500

Specifications and additional information

- Paint filter unit variobloc see chapter 4 individual equipment
- HVLP-Paint spray gun see chapter 9 page 22 - 24
- Painting and air hose see chapter 8 page 28



Filter-Regulating Station –microair–

for the painting area, air quality according to ISO8573.1 - Class 1

Multi-stage compressed air preparation system with high-quality filter elements (pre-filter, micro-filter and, if needed, activated carbon-filter) for optimal paint results, avoiding (rendering unnecessary) costly retouching work and preventing operational failure. Removes contamination such as H₂O, CO, CO₂, hydrocarbons and dust particles. High flow-rate (3000 NI/min) with differential pressure gauge as an individual indicator of the degree of contamination. Provides optimal economic efficiency, service and safety.

Stage One - Pre-filter with Automatic Drain Valve

Finely sintered bronze filter, 5µm filtration, for filtering solids and liquids, filtration efficiency 99%, (reusable after washing)

Stage Two - Pressure Reducer gauge with solvent resistant glass protecting panel

Independent of primary pressure with increased precision, without air consumption, regulates the desired operating pressure from 0,5 to 10bar.

Stage Three - Micro filter

Multi-layered deep-bed filter with three-dimensional filtration by borosilicate fibrous web with high-capacity dirt-absorption. For fine filtration of solid particles in compressed air and oil-water aerosols up to a residual oil content of 0,01mg/m³. Chemically and biologically inactive, water-resistant. Stainless steel protective case and aluminium cover.

Filtration efficiency 99,99998% at 0,01µm

Tested and approved according to LPV 0.700.9900 (Fraunhofer Institute)

Article	Order No
Filter regulating station with distributor (2 ball valves G ^{3/8})	439.2
Filter regulating station with distributor (2 couplings DN 7,2)	439.3

Completion / Complement component

Stage Four - activated carbon filter

Breathing-air quality with significantly less contamination than the surrounding air.

Multi-layered activated carbon for the absorption of vaporized liquids and hydrocarbons (oil-aerosols, odours). Residual oil content 0,005 ppm.

Activated carbon filter with distributor (2 couplings DN 7,2)	439.4
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Specifications and Parts see chapter 2 page 8