

DIST[INJECT

IMMOBILIZATION EQUIPMENT



injection



surgery



orthopedics



hospitalization



capture



protection



hygiene



livestock



grooming

génia
the veterinarian's preference.

DISTINJECT PROJECTORS

PROJECTOR SELECTION GUIDE

ANIMALS	DISTANCE	TYPE OF PROJECTOR									
		BLOWPIPES		GAS PROJECTORS						POWDER PROJECTORS	
		MINI-JECT	DISTINJECT	MOD. 45 STANDARD	MOD. 45 SPECIAL	MOD. 35N	MOD. 50N	MOD. 70	MOD. 72	MOD. 30N	MOD. 60N
Cattle, deer, cat, dog, buck, grizzly, llama, sheep, bear, pig	L < 20m	•	•	•	•	•	•	•	•	•	•
Wild boar, elephant					•	•	•	•	•	•	•
Cattle, deer, cat, dog, buck, grizzly, llama, sheep, bear, pig, wild boar, elephant	20 < L < 40m					•	•	•	•		•
Bison, mountain goat, gazelle, wildebeest, kangaroo, leopard, lion, wolf, sheep, fox, reindeer, tiger	40 < L < 50m						•	•	•		•
Giraffe, bison, badger, horses, deer, elk, cheetah, oryx, cougar, monkey, zebra	50 < L							•	•		•

MINI-JECT BLOWPIPE - 11 MM

Polycarbonate blowpipe for capture of animals at a short distance.

- Range: **1 to 7 m** (depending on the syringe type), ideal for animals with short flight distance.
- For use with **11 mm diameter syringes** (p.18).
- Syringes fitted with wool stabilisers.
- The rubber end piece facilitates projection. **A**

Supplied with full standard equipment:

(see the spare parts pages in the table below).

- 5 nylon Mini-Ject syringe barrels 2 mL
 - 5 nylon Mini-Ject syringe barrels 3 mL
 - 5 wool stabilisers
 - 5 smooth cannulas ø 1.2 x 38 mm without weight
 - 5 smooth cannulas ø 1.2 x 25 mm without weight
 - 5 practice cannulas
 - 1 lighter gas refill 65 mL
- (gas remover and plunger pusher included)



Code	Model	Weight	Length	Calibre	Range
192030	Mini-ject blowpipe 11 mm with full equipment	120 g	90 cm	11 mm	1 to 7 m
192031	End piece for 11 mm blowpipe A				

REFERENCES FOR EQUIPMENT SPARE PARTS:

Code	Model	Page no.
192268	Nylon Mini-Ject syringe barrels 2 mL (x5)	1 p.18
192270	Nylon Mini-Ject syringe barrels 3 mL (x5)	1 p.18
192264	Wool stabilisers (x 5)	2 p.18
192240	Smooth cannulas ø 1.2 x 38 mm without weight (x5)	3 p.19
192242	Smooth cannulas ø 1.2 x 25 mm without weight (x5)	3 p.19
192185	Practice cannulas (x5)	4 p.19
192342	Lighter gas refill 65 mL only (x1)	5 p.16
192280	Gas remover and plunger pusher (x1)	6 p.19



For use with Mini-Ject and Softy syringes (p. 18) and all cannulas (p. 19).



■ DISTINJECT BLOWPIPE - 16 MM WITH EXTENSION

Polycarbonate blowpipe with extension for capture of animals at a short to medium distance.

- Range: **up to 15 m** depending on the training of the shooter. Up to 7 m without extension.
- For use with **11 mm** diameter syringes (p.18).
- Syringes fitted with PVC stabilisers.
- The rubber end piece facilitates projection. **B**
- Easy to assemble.

Supplied in a rigid lightweight carrying case with shoulder strap.

Supplied with full standard equipment:

(see the spare parts pages in the table below).

- 5 nylon Mini-Ject syringe barrels 2 mL
- 5 nylon Mini-Ject syringe barrels 3 mL
- 5 PVC stabilisers
- 5 cannulas with flange \varnothing 1.6 x 38 mm + weight
- 5 cannulas with flange \varnothing 1.6 x 25 mm + weight
- 5 practice cannulas
- 1 lighter gas refill 65 mL
(gas remover and plunger pusher included)

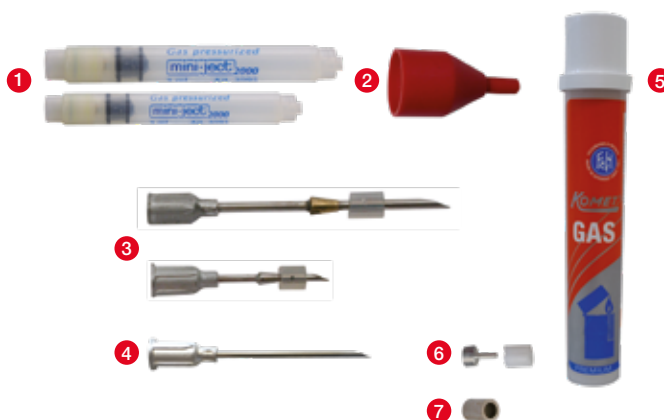


Code	Model	Weight	Length	Calibre	Range
192036	Distinject blowpipe 16 mm with extension and full equipment	450 / 250 g	150 / 76 cm	11 mm	15 m
192037	End piece for 16 mm blowpipe B				

REFERENCES FOR EQUIPMENT SPARE PARTS:

Code	Model	Page no.
192268	Nylon Mini-Ject syringe barrels 2 mL (x5)	1 p.18
192270	Nylon Mini-Ject syringe barrels 3 mL (x5)	1 p.18
192274	PVC stabilisers \varnothing 16 mm (x5)	2 p.18
192248	Cannulas with \varnothing 1.6 x 38 mm flange (x5) + weight*	3 p.19
192250	Cannulas with \varnothing 1.6 x 38 mm flange (x5) + weight*	3 p.19
192185	Practice cannulas (x5)	4 p.19
192342	Lighter gas refill 65 mL only (x1)	5 p.16
192280	Gas remover and plunger pusher (x1)	6 p.19
192276	Cannula weight	7 p.18

* Remove the weight for short distance shots.



For use with Mini-Ject and Softy syringes (p.18) and all cannulas (p.19).



■ PNEUMATIC PROJECTOR 45 DELTA STANDARD, 11 MM SYRINGES

Pneumatic projector made entirely from aluminium, for capture of animals at a short distance.

- Energy less than 3.5 Joules.
- Range: **up to 4 m** (depending on the syringe type).
- For use only with **11 mm diameter** syringes (p.18).
- Syringes fitted with wool stabilisers.
- Barrel fixed with bayonet attachment.
- Easy to use.
- Transformable into 45 Delta Special model by adding a pressure chamber with manometer **A** and gas inlet **B** with connector. **C**
- **Treated 11 mm steel barrel**, length 35 cm.
- Aiming system incorporated to improve precision (front and rear sight).

Supplied with full 11 mm equipment:

(see the spare parts pages in the table below).

- 5 nylon Mini-Ject syringe barrels 3 mL
- 5 nylon Mini-Ject syringe barrels 5 mL (gas remover and plunger pusher included, p.19)
- 5 wool stabilisers
- 5 smooth cannulas \varnothing 1.6 x 38 mm without weight
- 5 smooth cannulas \varnothing 1.6 x 25 mm without weight
- 5 practice cannulas
- 1 lighter gas refill 65 mL with connector
- 1 cartridge positioner and ejector



PNEUMATIC PROJECTOR

safety hook

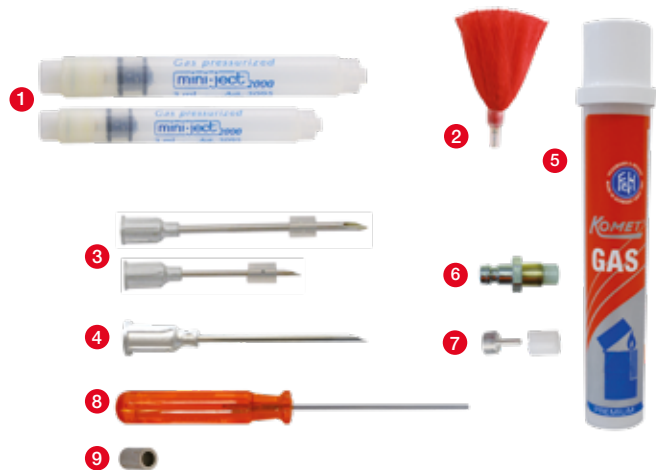
Gas inlet with connector (ref. 192884)

Code	Model	Weight	Length	Calibre	Range
192032	45 Delta Standard pneumatic projector with full equipment	450 g	35 cm	11 mm	4 m

REFERENCES FOR EQUIPMENT SPARE PARTS:

Code	Model	Page no.
192035	45 Delta pneumatic projector only	
192270	Nylon Mini-Ject syringe barrels 3 mL (x5)	1 p.18
192272	Nylon Mini-Ject syringe barrels 5 mL (x5)	2 p.18
192264	Wool stabilisers (x5)	3 p.18
192254	Smooth cannulas \varnothing 1.6 x 38 mm (x5) + weight*	4 p.19
192256	Smooth cannulas \varnothing 1.6 x 25 mm (x5) + weight*	5 p.19
192185	Practice cannulas (x5)	6 p.19
192342	Lighter gas refill 65 mL only (x1)	7 p.16
192884	Lighter gas connector	8 p.16
192280	Gas remover and plunger pusher (x1)	9 p.19
192336	Cartridge positioner and ejector (x1)	10 p.15
192276	Cannula weight	11 p.18

* Remove the weight for short distance shots.



For use with Mini-Ject and Softy syringes (p. 18) and all cannulas (p. 19).

■ PNEUMATIC PROJECTOR 45 DELTA SPECIAL, 11 MM SYRINGES

Pneumatic projector made entirely from aluminium, for capture of animals at a short and medium distance.

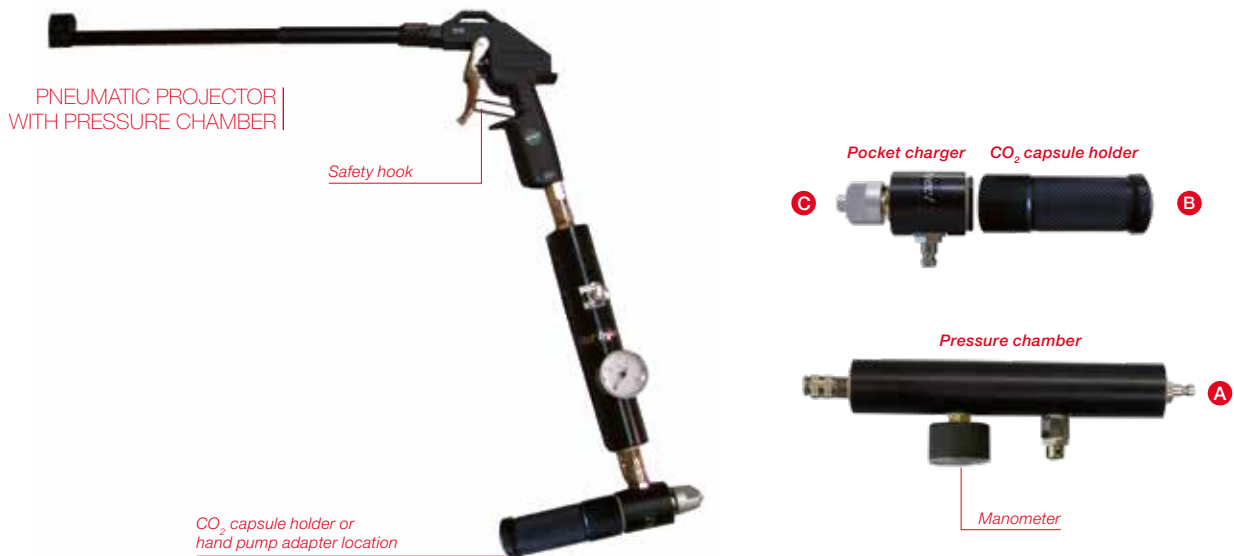
- Energy less than 6 Joules.
- Range: **up to 20 m** (depending on the syringe type).
- For use only with **11 mm diameter syringes** (p.18).
- Syringes fitted with wool stabilisers.
- Barrel fixed with bayonet attachment.
- Easy to use.
- **Treated 11 mm steel barrel**, length 35 cm.
- Aiming system incorporated to improve precision (front and rear sight).
- **65 mL pressure chamber** with gauge. **A**
- **Pocket charger for CO₂ gas** **C** (fitted with a 16 g CO₂ capsule holder and an 8 g reducer for holding 8 g CO₂ capsules).

Supplied with full 11 mm equipment:
(see the spare parts pages in the table below).

- 5 nylon Mini-Ject syringe barrels 3 mL
- 5 nylon Mini-Ject syringe barrels 5 mL (gas remover and plunger pusher included, p.19)
- 5 wool stabilisers
- 5 cannulas **with barb** \varnothing 1.6 x 38 mm + weight
- 5 cannulas **with barb** \varnothing 1.6 x 25 mm + weight
- 5 practice cannulas
- 1 lighter gas refill 65 mL with connector
- 1 cartridge positioner and ejector
- 1 box of 10 CO₂ capsules (8 g)
- 1 pressure chamber with manometer **A**
- 1 pocket charger for CO₂ gas **C**

Options :

- Hand pump with connector, range up to 20 m maximum (p. 14).
- 70 cm barrel, for more accurate aiming at 15-20 m (p.15).



Code	Model	Weight	Length	Calibre	Range	Chamber volume
192034	45 Delta Special pneumatic projector with full equipment	800 g	35 cm	11 mm	20 m	65 mL

REFERENCES FOR EQUIPMENT SPARE PARTS:

Code	Model	Page no.
192035	45 Delta pneumatic projector only	
192270	Nylon Mini-Ject syringe barrels 3 mL (x5)	p.18
192272	Nylon Mini-Ject syringe barrels 5 mL (x5)	1 p.18
192264	Wool stabilisers (x5)	2 p.18
192244	\varnothing 1.6 x 38 mm cannulas with barb (x5) + weight	p.19
192246	\varnothing 1.6 x 25 mm cannulas with barb (x5) + weight	3 p.19
192185	Practice cannulas (x5)	4 p.19
192342	Lighter gas refill 65 mL only (x1)	5 p.16
192280	Gas remover and plunger pusher (x1)	6 p.19
192336	Cartridge positioner and ejector (x1)	7 p.15
192344	CO ₂ capsules - 8 g (x10)	8 p.14
192068	Pressure chamber with manometer	A p.13
192066	Pocket charger for CO ₂ gas	C p.13
192276	Cannula weight	9 p.18



For use with Mini-Ject and Softy syringes (p.18) and all cannulas (p.19).



■ GAS PROJECTOR MODEL 35N, 11/13 MM SYRINGES

Small gas projector model for all situations, allowing long distance shots up to 40 m.

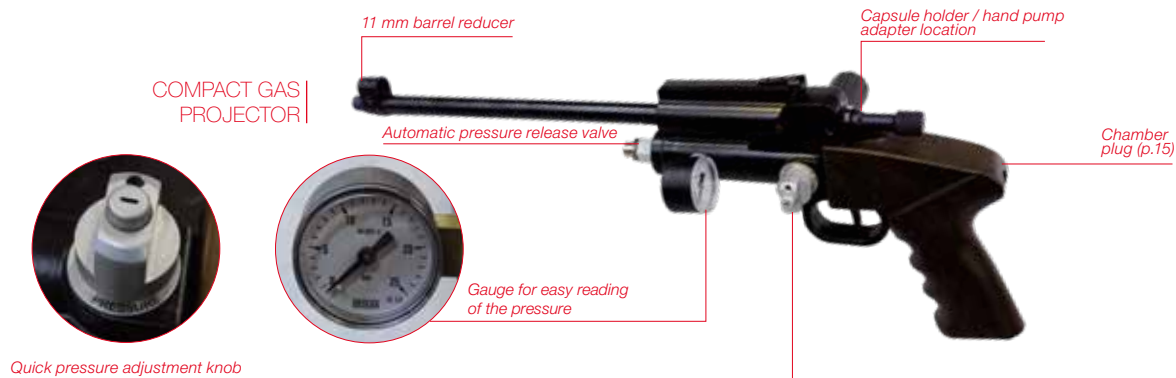
- Energy 7.5 Joules.
- Fast pressure adjustment for a range up to 40 m (depending on the syringe type).
- Versatile: accepts all commercially available 11 mm and 13 mm syringes.
- **13 mm treated steel barrel**, length 37.5 cm, with sight (p.15) for **13 mm diameter syringes** (anodised aluminium syringes p.20, Speedy and Flip p.22).
- **11 mm reducer for barrel**, length 38.5 cm (p.15) for **11 mm diameter syringes** (p.18).
- Very safe.
- Easy to use.
- Standard prismatic rail for mounting various additional aiming systems without laser rangefinder (p.12).
- Safety lock system with bayonet-fitting indicator light (chamber plug 17.5 mm diameter p.15) for inserting and positioning syringes.
- Basic rear sight included.
- Pressure gauge visible within the field of view.
- CO₂ 16 g capsule holders and reducer for 8 g.

Supplied with full standard 11 mm equipment (quotation for other equipment on request): (see the spare parts pages in the table below).

- 5 nylon Mini-Ject syringe barrels 3 mL
- 5 nylon Mini-Ject syringe barrels 5 mL (gas remover and plunger pusher included, p.19)
- 5 wool stabilisers
- 5 cannulas **with barb** ø 1.6 x 38 mm + weight
- 5 cannulas **with barb** ø 1.6 x 25 mm + weight
- 5 practice cannulas
- 1 box of 10 CO₂ capsules - 8 g (16 g on request, see p.14)
- 1 pack of seals
- 1 ABS storage case

Options:

- Hand pump with connector, range up to 20 m maximum (p. 14).
- High stability projector stock 50 N (p.14)
- Removable graduated rear sight for greater shooting accuracy (p.12).



Code	Model	Weight	Length	Calibre	Range	Chamber volume
192008	Gas projector model 35N with full equipment	1.6 kg	54 cm	11 et 13 mm	40 m	65 mL

REFERENCES FOR EQUIPMENT SPARE PARTS:

Code	Model	Page no.
192010	Gas projector model 35N only*	
192270	Nylon Mini-Ject syringe barrels 3 ml (x5)	1 p.18
192272	Nylon Mini-Ject syringe barrels 5 mL (x5)	1 p.18
192264	Wool stabilisers (x 5)	2 p.18
192244	ø 1.6 x 38 mm cannulas with barb (x5) + weight	3 p.19
192246	ø 1.6 x 25 mm cannulas with barb (x5) + weight	3 p.19
192185	Practice cannulas (x5)	4 p.19
192342	Lighter gas refill 65 ml only (x1)	5 p.16
192280	Gas remover and plunger pusher	6 p.19
192344	CO ₂ capsules - 8 g (x10)	7 p.14
192070	Pack of seals and clip (x1)	8 p.14
192347	CO ₂ capsule holder, 16 g only	9 p.14
192345	CO ₂ reducer, 8 g only	10 p.14
192351	Aluminium reducer barrel 11 mm - <i>not shown</i>	p.15
192080	ABS storage case (x1) - <i>not shown</i>	p.13
192276	Cannula weight	11 p.18

* Includes the 13 mm steel barrel with 11 mm reducer barrel, a CO₂ capsule holder 16 g with 8 g reducer and an ABS case.



For use with 11 mm syringes (p. 18), 13 mm syringes (p. 20 and 22) and all 11 mm (p. 19) and 13 mm (p. 21) cannulas.



■ GAS PROJECTOR MODEL 50N 11/13 MM SYRINGES

A versatile gas projector model developed for all situations, enabling long range shots up to 50 m. Used worldwide for the capture of all types of animals.

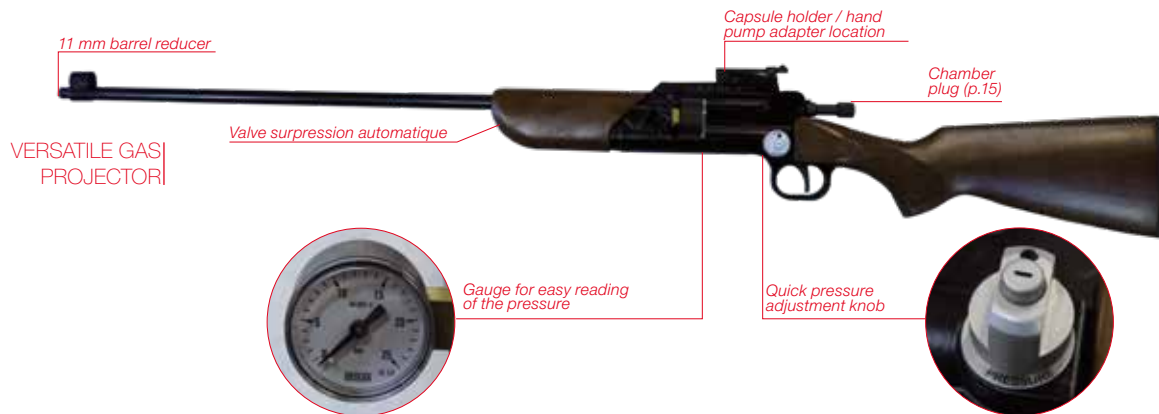
- Energy 9.2 Joules.
- Fast pressure adjustment up to 50 m (depending on the syringe type).
- Versatile: accepts all commercially available 11 mm and 13 mm syringes.
- 13 mm **treated steel barrel**, length 75 cm, with sight (p.15) for 13 mm diameter syringes (anodised aluminium syringes p.20, Speedy and Flip p.22).
- **11 mm aluminium reducer for barrel**, length 76.5 cm (p.15) for **11 mm diameter syringes** (p.18).
- Prismatic rail for mounting various additional aiming systems (p.12).
- Safety lock system with bayonet-fitting indicator light (chamber plug 17.5 mm diameter p.15) for inserting and positioning syringes.
- Removable graduated rear sight for greater shooting accuracy (p.12).
- Pressure gauge visible within the field of view.
- CO₂ 16 g capsule holders and reducer for 8 g.

Supplied with full standard 13 mm equipment (quotation for other equipment on request):
(see the spare parts pages in the table below).

- 4 Speedy nylon syringes 3.5 ml, 30 mm cannula, ø 13 mm
- 1 anodized aluminium syringe barrel 3 mL
- 1 anodized aluminium syringe barrel 5 mL
- 2 rubber plungers
- 1 box of 10 injection capsules for 1-5 ml syringes
- 2 feathered stabilisers
- 2 cannulas with barb ø 2.5 x 28 mm
- 2 cannulas with flange ø 2.5 x 41 mm
- 2 practice cannulas
- 1 PVC plunger lubrication rod
- 1 tube of silicone grease
- 1 box of 10 CO₂ capsules - 8 g (16 g on request, see p.14)
- 1 pack of seals
- 1 ABS storage case

Option :

- Hand pump with connector, range up to 20 m (p. 14).



Code	Model	Weight	Length	Calibre	Range	Chamber volume
192020	Gas projector model 50N with full equipment	2,6 kg	118 cm	11 et 13 mm	50 m	105 mL

REFERENCES FOR EQUIPMENT SPARE PARTS:

Code	Model	Page no.
192022	Gas projector model 50N only*	
192218	Speedy nylon syringes 3.5 mL 30 mm cannula - ø 13 mm (x4)	1 p.22
192104	Aluminium syringe barrel 3 mL (x1)	2 p.20
192108	Aluminium syringe barrel 5 mL (x1)	2 p.20
192180	Rubber plunger (x 2)	3 p.20
192290	Injection capsules for 1-5 ml syringes (x10)	4 p.20
192182	Feathered stabiliser (x1)	5 p.20
192128	ø 2.5 x 28 mm cannulas with barb (x1)	6 p.21
192136	ø 2.5 x 41 mm cannulas with flange (x1)	7 p.21
192184	Practice cannula (x1)	8 p.21
192328	PVC plunger lubrication rod (x1)	9 p.20
192320	Tube of silicone grease (x1)	10 p.16
192344	CO ₂ capsules - 8 g (x10)	11 p.14
192347	CO ₂ capsule holder, 16 g only	12 p.14
192345	CO ₂ reducer, 8 g only	13 p.14
192070	Pack of seals and clip (x1)	14 p.14
192350	Aluminium reducer barrel 11 mm - not shown	p.15
192078	ABS storage case (x1) - not shown	p.13

* Includes the 13 mm steel barrel with 11 mm reducer barrel, a CO₂ capsule holder 16 g with 8 g reducer and an ABS case.



For use with 11 mm syringes (p. 18), 13 mm syringes (p. 20 and 22) and all 11 mm (p. 19) and 13 mm (p. 21) cannulas.



■ GAS PROJECTOR MODEL 70, 11/13MM SYRINGES

Top of the line gas projector, allowing long-distance shots up to 70 m.

- Energy 9.8 Joules.
- Fast pressure adjustment **up to 70 m range** (depending on the syringe type).
- Versatile: accepts all commercially available 11 mm and 13 mm syringes.
- **13 mm treated steel barrel**, length 75 cm, with sight (p.15) for **13 mm diameter syringes** (anodised aluminium syringes p.20, Speedy and Flip p.22).
- **11 mm reducer for barrel**, length 76.5 cm (p.15) for **11 mm diameter syringes** (p.18).
- Trigger with safety button.
- Prismatic rail for mounting various additional aiming systems except laser rangefinder (p.12).
- Safety lock system with bayonet-fitting indicator light (chamber plug p.15) for inserting and positioning syringes
- Removable graduated rear sight for greater shooting accuracy (p.12).
- Pressure gauge visible within the field of view.
- CO₂ 16 g capsule holders and reducer for 8 g.
- After sales service: carried out exclusively in the factory (including seal replacement).

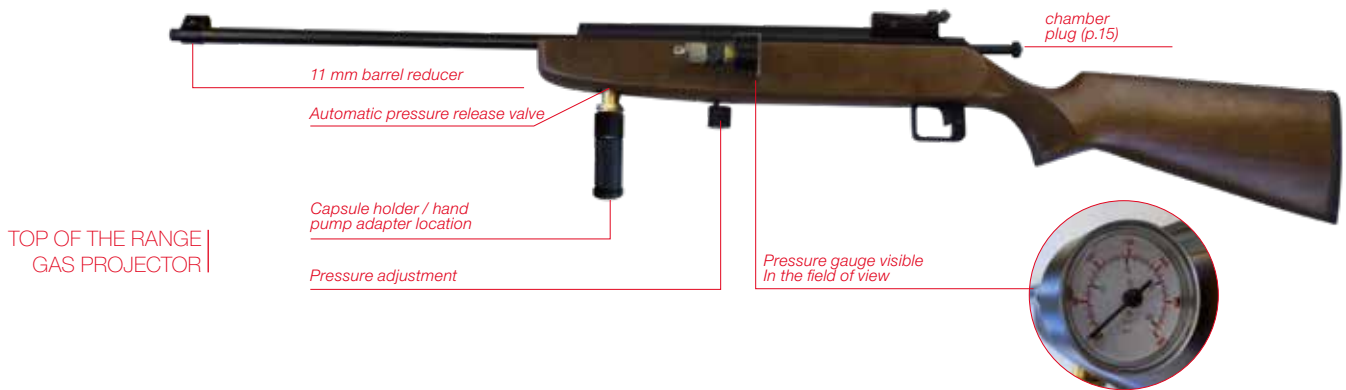
Supplied with full standard 11 mm equipment (quotation for other equipment on request):

(see the spare parts pages in the table below).

- 5 nylon Mini-Ject syringe barrels 3 mL
- 5 nylon Mini-Ject syringe barrels 5 mL (gas remover and plunger pusher included, p.19)
- 5 wool stabilisers
- 5 cannulas **with barb** ø 1.6 x 38 mm + weight
- 5 cannulas **with flange** ø 1.6 x 38 mm + weight
- 5 practice cannulas
- 1 lighter gas refill 65 mL
- 1 box of 10 CO₂ capsules - 8 g (16 g on request, see p.14)
- 1 ABS storage case

Option :

- Hand pump, range up to 20 m (p. 14).



TOP OF THE RANGE
GAS PROJECTOR

Code	Model	Weight	Length	Calibre	Range	Chamber volume
192000	Gas projector model 70 with full equipment	3.1 kg	115 cm	11 et 13 mm	70 m	160 mL

REFERENCES FOR EQUIPMENT SPARE PARTS:

Code	Model	Page no.
192002	Gas projector model 70 only*	
192270	Nylon Mini-Ject syringe barrels 3 mL (x5)	1 p.18
192272	Nylon Mini-Ject syringe barrels 5 mL (x5)	2 p.18
192264	Wool stabilisers (x5)	3 p.18
192244	ø 1.6 x 38 mm cannulas with barb (x5) + weight	4 p.19
192248	ø 1.6 x 38 mm cannulas with flange (x5) + weight	5 p.19
192185	Practice cannulas (x5)	6 p.19
192342	Lighter gas refill 65 mL only (x1)	7 p.16
192280	Gas remover and plunger pusher	8 p.19
192347	CO ₂ capsule holder, 16 g only	9 p.14
192345	CO ₂ reducer, 8 g only	10 p.14
192344	CO ₂ capsules - 8 g (x10)	11 p.14
192350	Aluminium reducer barrel 11 mm - not shown	p.15
192078	ABS storage case (x1) - not shown	p.13
192276	Cannula weight	11 p.18

* Includes the 13 mm steel barrel with 11 mm reducer barrel, a CO₂ capsule holder 16 g with 8 g reducer and an ABS case.



For use with 11 mm syringes (p. 18), 13 mm syringes (p. 20 and 22) and all 11 mm (p. 19) and 13 mm (p. 21) cannulas.



■ GAS PROJECTOR MODEL 72, 11/13MM SYRINGES

Folding gas projector, allowing long-distance shots up to 50 m.

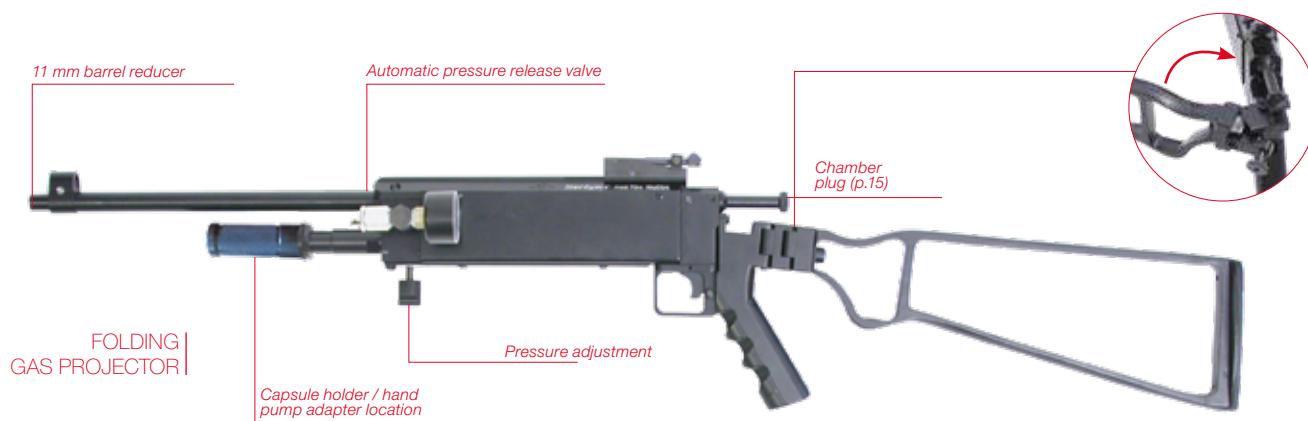
- Energy 9.8 Joules.
- Quick pressure adjustment, **up to 50 m** when fitted with a 50 cm barrel or **up to 70 m** when fitted with a 75 cm barrel (on request, p.14).
- Versatile: accepts all commercially available 11 mm and 13 mm syringes.
- **13 mm treated steel barrel**, length 50 cm, with sight (p.15) for **13 mm diameter syringes** (anodised aluminium syringes p.20, Speedy and Flip p.22).
- **11 mm aluminium reducer for barrel**, length 51.5 cm (p.15) for **11 mm diameter syringes** (p.18).
- Trigger with safety button.
- Easy to transport.
- Prismatic rail for mounting various additional aiming systems (p.12). Safety lock system (chamber plug 15.5 mm diameter p.15) for inserting and positioning syringes.
- Removable graduated rear sight for greater shooting accuracy (p.12).
- Pressure gauge visible within the field of view.
- CO₂ 16 g capsule holders and reducer for 8 g.
- After sales service: carried out exclusively in the factory (including seal replacement).

Supplied with full standard 11 mm equipment (quotation for other equipment on request): (see the spare parts pages in the table below).

- 5 nylon Mini-Ject syringe barrels 3 mL
- 5 nylon Mini-Ject syringe barrels 5 mL (gas remover and plunger pusher included, p.19)
- 5 wool stabilisers
- 5 cannulas with barb \varnothing 1.6 x 38 mm + weight
- 5 cannulas with flange \varnothing 1.6 x 38 mm + weight
- 5 practice cannulas
- 1 lighter gas refill 65 mL
- 1 box of 10 CO₂ capsules - 8 g (16 g on request, see p.14)
- 1 ABS storage case

Options :

- Hand pump, range up to 20 m (p. 14).
- 75 cm barrel, for shooting up to 70 m with or without reducer barrel (p. 14).



Code	Model	Weight	Length	Calibre	Range	Chamber volume
192004	Gas projector model 72 with full equipment	2.9 kg	61 cm folded / 96 cm open	11 et 13 mm	70 m	160 mL

REFERENCES FOR EQUIPMENT SPARE PARTS:

Code	Model	Page no.
192006	Gas projector model 72 only*	
192270	Nylon Mini-Ject syringe barrels 3 mL (x5)	1 p.18
192272	Nylon Mini-Ject syringe barrels 5 mL (x5)	2 p.18
192264	Wool stabilisers (x5)	2 p.18
192244	\varnothing 1,6 x 38 mm cannulas with barb (x5) + weight	3 p.19
192248	\varnothing 1,6 x 38 mm cannulas with flange (x5) + weight	4 p.19
192185	Practice cannulas (x5)	5 p.19
192342	Lighter gas refill 65 mL only (x1)	6 p.16
192280	Gas remover and plunger pusher	7 p.19
192347	CO ₂ capsule holder, 16 g	8 p.14
192345	CO ₂ reducer, 8 g only	9 p.14
192344	CO ₂ capsules - 8 g (x10)	10 p.14
192350	Aluminium reducer barrel 11 mm - not shown	p.15
192078	ABS storage case (x1) - not shown	p.13
192276	Cannula weight	11 p.18

* Includes the 13 mm steel barrel with 11 mm reducer barrel, a CO₂ capsule holder 16 g with 8 g reducer and an ABS case.



For use with 11 mm syringes (p. 18), 13 mm syringes (p. 20 and 22) and all 11 mm (p. 19) and 13 mm (p. 21) cannulas.



PERCUSSION CAP SELECTION GUIDES

PERCUSSION CAPS		SYRINGES	RANGE	0 m	10 m	20 m	30 m	40 m	50 m	60 m
30N	192296 ●	Aluminium	5-25 m	15 mL	7 mL	1 mL				
		Speedy	1-15 m	SPEEDY						
	192300 ●	Aluminium	10-20 m		15 mL	7 mL	1 mL			
		Speedy	12-20 m		SPEEDY					
		Flip	12-25 m		FLIP					

POWDER PROJECTOR MODEL 30N, 13 MM SYRINGES

Small powder projector model for all situations, allowing medium-distance shots.

- Energy 5 to 12 joules depending on the percussion caps.
- Range: **up to 20 m** (depending on the syringe type).
- **13 mm treated steel fixed barrel**, length 24 cm, with sight (p.15), for **13 mm diameter syringes** (anodised aluminium syringes p.20, Speedy and Flip p.22).
- Easy to use.
- Very safe.
- Fixed, precision, fluorescent rear sight, factory set.
- Short percussion cap holder (p.15).

Supplied with full standard 13 mm equipment (quotation for other equipment on request):

(see the spare parts pages in the table below).

- 4 Speedy nylon syringes 3 mL, 30 mm cannula, ø 13 mm
- 1 aluminium syringe barrel 3 ml
- 1 aluminium syringe barrel 5 ml
- 2 rubber plungers
- 1 box of 10 injection capsules for 1-5 ml syringes
- 2 feathered stabilisers
- 2 cannulas **with barb** ø 2.5 x 28 mm
- 2 cannulas **with flange** ø 2.5 x 41 mm
- 2 practice cannulas
- 1 PVC plunger lubrication rod
- 1 tube of silicone grease
- 1 removable short percussion cap holder
- 1 box of 20 blue percussion caps
- 1 box of 20 red percussion caps
- 1 cartridge positioner and ejector
- 1 cleaning kit for model 30N
- 1 ABS storage case

Code	Model	Weight	Length	Calibre	Range
192012	Powder projector model 30N with full equipment	0.7 kg	39 cm	13 mm	20 m



COMPACT | POWDER PROJECTOR |

REFERENCES FOR EQUIPMENT SPARE PARTS:

Code	Model	Page no.
192014	Powder projector model 30N only*	
192218	Speedy nylon syringes 3 mL 30 mm cannula - ø 13 mm (x4)	1 p.22
192104	Aluminium syringe barrel 3 mL (x1)	2 p.20
192108	Aluminium syringe barrel 5 mL (x1)	2 p.20
192180	Rubber plunger (x2)	3 p.20
192290	Injection capsules for 1-5 ml syringes (x10)	4 p.20
192182	Feathered stabilisers (x1)	5 p.20
192128	ø 2.5 x 28 mm cannulas with barb (x1)	6 p.21
192136	ø 2.5 x 41 mm cannulas with flange (x1)	7 p.21
192184	Practice cannula (x1)	8 p.21
192328	PVC plunger lubrication rod (x1)	9 p.20
192320	Tube of silicone grease (x1)	10 p.16
192326	Short percussion cap holder with seal (x1)	11 p.15
192888	Pack of 3 short percussion cap holder seals (x1)	p.14
192296	Blue percussion caps (x20)	12 p.15
192300	Red percussion caps (x20)	12 p.15
192336	Cartridge positioner and ejector (x1)	13 p.15
192332	Cleaning kit for model 30N (x1) - not shown	p.16
192080	ABS storage case (x1) - not shown	p.13

* Includes the short percussion cap holder, a precision rear sight and storage case.



PERCUSSION CAP SELECTION GUIDE

PERCUSSION CAPS	SYRINGES	RANGE	RANGE							
			0 m	10 m	20 m	30 m	40 m	50 m	60 m	
60N	192298 ● Aluminium	5-25 m		15 mL	7 mL	1 mL				
	Speedy	5-30 m		SPEEDY						
	192306 ● Aluminium	20-35 m			15 mL	7 mL	1 mL			
	Speedy	25-40 m			SPEEDY					
192302 ○ Aluminium	30-50 m				15 mL	7 mL	1 mL			
192304 ● Aluminium	45-60 m							15 mL	7 mL	1 mL

POWDER PROJECTOR MODEL 60N, 13 MM SYRINGES

Durable and reliable powder projector model, easy to use, allowing medium and long distance shots.

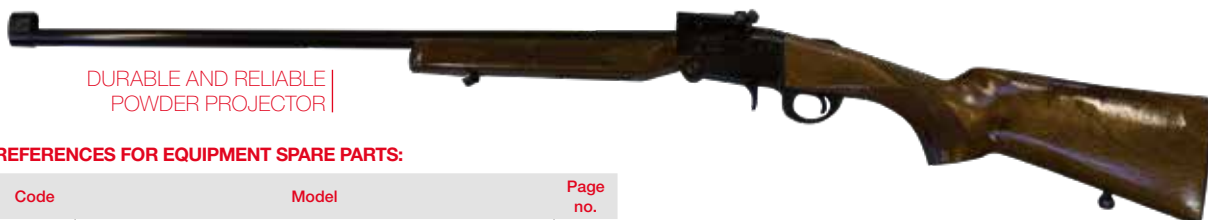
- Energy 5 to 18 joules depending on the percussion caps.
- Range: **up to 60 m** (depending on the syringe type).
- **13 mm treated steel fixed barrel**, length 64 cm, with sight (p.15), for **13 mm diameter syringes** (anodised aluminium syringes p.20, Speedy and Flip p.22).
- Easy to use.
- Very safe.
- Prismatic rail for mounting various additional aiming systems except laser rangefinder (p.12).
- Removable graduated rear sight for greater shooting accuracy (p.12).
- Long percussion cap holder (p.15).

Supplied with full standard 13 mm equipment (quotation for other equipment on request):

(see the spare parts pages in the table below).

- 4 Speedy nylon syringes 3 mL, 30 mm cannula, ø 13 mm
- 1 aluminium syringe barrel 3 mL
- 1 aluminium syringe barrel 5 mL
- 2 rubber plungers
- 1 box of 10 injection capsules for 1-5 ml syringes
- 2 feathered stabilisers
- 2 cannulas **with barb** ø 2,5 x 28 mm
- 2 cannulas **with flange** ø 2,5 x 41 mm
- 2 practice cannulas
- 1 PVC plunger lubrication rod
- 1 tube of silicone grease
- 1 removable long percussion cap holder
- 1 pack of percussion cap holder seals
- 1 box of 20 yellow percussion caps
- 1 box of 20 brown percussion caps
- 1 box of 20 white percussion caps
- 1 cartridge positioner and ejector
- 1 cleaning kit for model 60N
- 1 ABS storage case

Code	Model	Weight	Length	Calibre	Range
192016	Powder projector model 60N with full equipment	2.6 kg	1.15 m	13 mm	60 m



DURABLE AND RELIABLE | POWDER PROJECTOR

REFERENCES FOR EQUIPMENT SPARE PARTS:

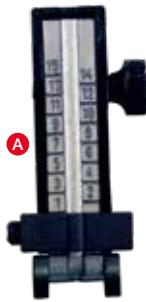
Code	Model	Page no.
192018	Powder projector model 60N only*	
192218	Speedy nylon syringes 3 mL 30 mm cannula - ø 13 mm (x4)	1 p.22
192104	Aluminium syringe barrel 3 mL (x1)	2 p.20
192108	Aluminium syringe barrel 5 mL (x1)	3 p.20
192180	Rubber plunger (x2)	4 p.20
192290	Injection capsules for 1-5 ml syringes (x10)	5 p.20
192182	Feathered stabilisers (x1)	6 p.21
192128	ø 2.5 x 28 mm cannulas with barb (x1)	7 p.21
192136	ø 2.5 x 41 mm cannulas with flange (x1)	8 p.21
192184	Practice cannula (x1)	9 p.20
192328	PVC plunger lubrication rod (x1)	10 p.16
192320	Tube of silicone grease (x1)	11 p.15
192324	Long percussion cap holder with seal (x1)	12 p.15
192890	Pack of 3 long percussion cap holder seals (x1)	13 p.15
192298	Yellow percussion caps (x20)	
192306	Brown percussion caps (x20)	
192302	White percussion caps (x20)	
192336	Cartridge positioner and ejector (x1)	
192332	Cleaning kit for model 60N (x1) - not shown	
192078	ABS storage case (x1) - not shown	

* Includes the long percussion cap holder and storage case.



PRECISION GRADUATED REAR SIGHTS

Mechanical viewfinders allowing increased shot accuracy by alignment of the aiming system with the sight.



Code	Model
192048	Precision rear sight for model 30N
A 192050	Precision rear sight for model 35N/50N/70/72/60N

TELESCOPIC SIGHT 4 X 32

Optical sight for magnifying the target to facilitate aiming. Replaces the sight and precision rear sight.



FACTORY ADJUSTABLE
TO MATCH PROJECTOR

Code	Model
192051	Telescopic sight with integrated laser rangefinder - on request
192052	Telescopic sight 4 x 32 with rail (mounting additional)
192053	Mounted on projector - on request

RED DOT VIEWFINDER

Optical viewfinder projecting a bright dot (crosshairs) on a lens in front of the shooter's eye. Removes the need to align the targeting components for faster aiming.



Side view

Front view

Code	Model
192062	Red dot viewfinder (mounting additional)
192053	Mounting on projector: on request

LASER POINTER

Optical viewfinder with a beam that illuminates the target with a bright dot. Beam visible in broad daylight up to 25 m, in bright sunlight up to 15 m and in twilight up to 60 m.

Supplied by unit.



ON
DEMAND

Code	Model
192064	Laser pointer (mounting additional)
192053	Mounting on projector: on request

LASER RANGEFINDER

Electronic viewfinder allowing target distance to be calculated. Facilitates aiming even at very long distance. Range 15 to 400 metres.

Handheld.



Code	Model
192054	Laser rangefinder - 15 to 400 m

*Product may differ from image.

MAINTENANCE OF GAS PROJECTOR* CONTROLS AND TESTS

This package includes:

- change of all the joints and springs,
- pressure resistance tests,
- firing tests,
- cleaning of the projector,
- return of the device.

A quote will be provided for all other repairs.

*Products: 35N, 50N, 70 and 72 gas projectors.

Code	Model
192990	Gas projector maintenance package.



■ ABS PROJECTOR CASES

ABS projector carrying cases.

- Durable.
- Highly reliable lock and hinges.
- Foam.



	Code	Model	Dimensions (L x W x H)
A	192078	ABS case for model 50N/60N/70/72	1215 x 235 x 100 mm
B	192080	ABS case for model 30N/35N	810 x 230 x 100 mm

■ PRESSURE CHAMBER FOR MODEL 45 DELTA SPECIAL

Chamber with pressure gauge for rapid pressure testing (see model 45 Delta Special (code 192034, p.5).



Code	Model
192068	Pressure chamber for model 45 Delta Special

■ POCKET CO₂ GAS CHARGER FOR MODEL 45 DELTA SPECIAL

Supplied complete with pocket charger equipped with a CO₂ capsule holder 16 g and with its reducer 8 g (see model 45 Delta Special code 192034, p.5).



Code	Model
192066	CO ₂ gas pocket charger, for model 45 Delta Special with 16 g capsule holder and 8 g reducer
192347	CO ₂ capsule holder, 16 g only
192345	Reducer, 8 g only



CO₂ CAPSULES

Box of 10 capsules.



Code x 10	Model
192344	CO ₂ capsules 8 g (6 to 8 shots)
192346	CO ₂ capsules 16 g (8 to 16 shots)
192348	CO ₂ capsules 12 g (8 to 16 shots), for discontinued model 55 only

CAPSULE HOLDER



Capsule holder

8 g reducer

Code	Model
192345	Reducer, 8 g only
192347	CO ₂ capsule holder, 16 g only

HAND PUMP

Hand pump with male quick connector for models 45 Delta Special, 35N, 50N, 70 and 72.

- Maximum 14 bar.
- Not compatible with model 45 Delta Standard.
- Replace the CO₂ capsules if required.



Code	Model
192056	Hand pump for model 45 Delta special, 35N, 50N, 70 and 72 (including connector and adapter)
A 192057	Hand pump adapter for models 35N, 50N, 70 and 72 only
B 192882	Connector for model 45 Delta Special only

WOODEN STOCK FOR MODEL 50N

Wooden stock for model 50N,

- Adaptable to model 35N for greater stability.

Supplied by unit with chuck, threaded rod and nut.



Code	Model
192356	Wooden stock for model 50N

PACK OF SEALS

Pack containing seals and clips required for maintenance of projector models 35N and 50N. (p.6 and p.7).



Code	Model
192070	Pack of seals for models 35N and 50N

PLUNGER PUSHER

Plunger pusher for 11 mm syringes.

- Replaces the Mini-ject syringe pusher.
- Can be used with Softy syringes.



Code	Model
192337	Plunger pusher

PROJECTOR BARRELS

Interchangeable barrels with sight.



Code	Diameter	Model	Length
192359	11 mm	45 Delta Standard and Special	35 cm
192358	11 mm	Optional 45 Delta Special	70 cm
192361	13 mm	35N	37.5 cm
192353	13 mm	72	50 cm
192352	13 mm	Optional model 50N/70 or 72	75 cm

REDUCER BARRELS

11 mm diameter aluminium reducer for 35N barrels, to reduce the diameter from 13 mm to 11 mm.



Code	Diameter	Model	Length
192351	11 mm	35N	38.5 cm
192357	11 mm	72	51.5 cm
192350	11 mm	Optional model 50N/70 or 72	76.5 cm

PERCUSSION CAP HOLDER

Percussion cap holder for projector models 30N (discontinued model 60) or 60N.

• Clean and lubricate the seal before each use.

Supplied with a pack of seals.



Code	Diameter	Model	Length
A 192324	14,3 mm	Long percussion cap holder for projector model 60N	80 mm
B 192326	18,75 mm	Short percussion cap holder for projector model 30N or discontinued model 60	25 mm

ACCESSORIES

Code x3	Model
B 192888	Pack of short percussion cap holder seals
A 192890	Pack of long percussion cap holder seals

CHAMBER PLUG



Code	Diameter	Model
A 192880	17,5 mm	Chamber plug for models 35N and 50N
B 192886	15,5 mm	Chamber plug for models 70 and 72
A 192895	-	Plug seal (x3)
B 192896	-	Plug seal (x3)

CARTRIDGE POSITIONER AND EJECTOR

Dual function:

- Positioner for 11 mm syringe used with Delta models.
- Cartridge ejector for projector models 30N and 60N.



Code	Model
192336	Cartridge positioner and ejector

PERCUSSION CAPS

Box of 20 percussion caps for powder projectors models 30N and 60N.



Code x 20	Model	Range*
192296	Projector model 30N	1/15 m
192300	Projector model 60N	10/25 m
192298	Projector model 30N	5/30 m
192302	Projector model 60N	20/40 m
192304	Projector model 60N	30/55 m
192306	Projector model 60N	45/60 m

*Depending on the syringes used.



■ LIGHTER GAS REFILL

Lighter gas refill for 11 mm syringes and 45 Delta model.



Code	Model
192342	Lighter gas refill 65 mL only
A 192884	Connector for model 45 Delta Standard

■ CLEANING KIT

Cleaning kit for models 30N and 60N.



Code	Model
192332	Cleaning kit for 30N and 60N models (with case)

■ SILICONE GREASE

12 g tube for lubricating rubber plungers and 13 mm aluminium syringes barrels (p.20) before each use.



Code	Model
192320	Silicone grease 12 g

■ SILIGLISS

Thick silicone oil that meets European Pharmacopoeia standards (medical and food-grade) for lubricating seals on all projectors.

Supplied by unit.



Code	Model
106020	10 mL tube

SYRINGES SELECTION GUIDE

REUSABLE NYLON SYRINGES - 11 MM

11 mm diameter hypodermic syringes, for use with 11 mm calibre blowpipes, Delta models and gas projectors.

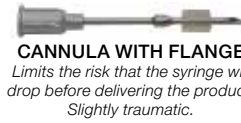
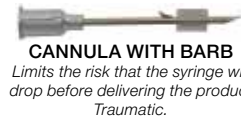
STABILISERS (P.18)



SYRINGE BARRELS (P.18)



CANNULAS (P.19)



REUSABLE ALUMINIUM SYRINGES - 13 MM

13 mm diameter hypodermic syringes, for use with 13 mm calibre gas projectors or powder projectors.

STABILISERS (P.20)



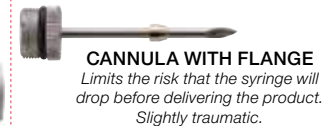
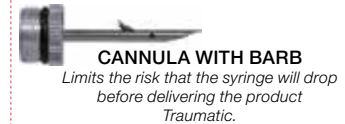
SYRINGE BARRELS (P.20)

INJECTION
CAP

PLUNGER



CANNULAS (P.21)



DISPOSABLE NYLON SYRINGES - 13 MM

Automatic Speedy and Flip syringes, disposable, with cannula, for all 13 mm projectors.



MINI-JECT SYRINGES

Reusable 11 mm nylon syringes.

- Nylon syringe body, for use with blow pipes and/or projectors with 11 mm barrel.
- The injection pressure is produced by lighter gas (visible) or compressed air (not visible).
- Stabilisers: made from wool or PVC **additional**.
- Cannulas **additional**.

Supplied by 5 with 1 gas remover and 1 plunger pusher (code 192280 p.19).



Code x 5	Model	Capacity
192266	Mini-Ject syringe barrel	1 mL
192268	Mini-Ject syringe barrel	2 mL
192270	Mini-Ject syringe barrel	3 mL
192272	Mini-Ject syringe barrel	5 mL

WEIGHT FOR CANNULAS

Placed on the end of nylon syringes (Mini-Ject, Softy and Easy) after loading the needle for increasing the range above 6 m.



Code	Model
192276	Cannula weight

WOOL STABILISER

Stabiliser compatible with short to medium distance shots.

- For use when shooting the two blowpipes, the Delta models and all gas projectors.
- Placed on the 11 mm Mini-Ject and Softy syringes.

Supplied by 5.



Code x 5	Model
192264	11 mm Wool stabiliser

PVC STABILISER

Stabiliser compatible with short distance shots.

- Only used when shooting the Distinject blowpipe (code 192036, p.3), with 11 mm Mini-Ject or Softy syringes.
- Requires less breath than the wool stabiliser.

Supplied by 5.



Code x 5	Model
192274	11 mm PVC stabiliser

SOFTY SYRINGES

Reusable 11 mm nylon syringes.

- Nylon syringe for use with blowpipes and all projectors with 11 mm barrel.
- The injection pressure is produced by lighter gas (visible) or compressed air (not visible).
- Removable wool stabiliser.
- Weight: 6.8 g.
- Graduations at 1, 2, 3 and 3.8 mL.
- Option: PVC stabiliser when shooting with the Distinject blowpipe (code 192036).
- Cannulas **additional**.

Supplied by 5 with 1 gas remover and 1 plunger pusher (code 192280 p.19).

Practice cannulas (code 192185) are not supplied with syringes.



Code x 5	Model	Capacity
192222	Softy syringe	3.8 mL

EASY SYRINGES

Reusable 11 mm nylon syringes for long distance use.

- Nylon syringes specially designed for long-distance shots, for use with all projectors with an 11 mm barrel.
- The injection pressure is produced by lighter gas.
- Attached stabiliser (feathered) for more accurate long-distance shots.
- Weight: 6.6 and 7.9 g.
- Cannulas **additional**.

Supplied by 5 with 1 gas remover and 1 plunger pusher (code 192280 p.19).

Practice cannulas (code 192185) are not supplied with syringes.



Code x 5	Model	Capacity
192260	Easy syringe	3 mL
192262	Easy syringe	5 mL

SMOOTH CANNULAS 1.1 MM & 1.2 MM DIAMETER

Smooth cannulas, preferably used for vaccination of small animals.

For use on nylon syringes (p.18) projected by the two blowpipes, Delta models and all gas projectors.

- The hole in the needle allows injection of the product when the plug is pushed back at the moment of impact.

Supplied by 5.



Code x 5	Model	Cannula length
192242	Smooth cannula, 1.1 mm diameter	25 mm
192240	Smooth cannula, 1.2 mm diameter	38 mm

SMOOTH CANNULAS 1.6 MM & 2.1 MM DIAMETER

Smooth cannulas, preferably used for vaccination of medium and large animals.

For use on nylon syringes (p.18) projected by the two blowpipes, Delta models and all gas projectors.

- The hole in the needle allows injection of the product when the plug is pushed back at the moment of impact.

Supplied by 5 (with 1 weight and 4 additional plugs per cannula).



Code x 5	Model	Cannula length
192257	Smooth cannula, 1.6 mm diameter + weight	20 mm
192256	Smooth cannula, 1.6 mm diameter + weight	25 mm
192254	Smooth cannula, 1.6 mm diameter + weight	38 mm
192258	Smooth cannula, 2.1 mm diameter + weight	51 mm

CANNULAS WITH BARB 1.6 AND 2.1 MM DIAMETER

For use on nylon syringes (p.18) projected by the two blowpipes, the Delta Special model and all gas projectors.

- The hole in the needle allows injection of the product when the plug is pushed back at the moment of impact.
- The barb keeps the syringe in place during injection of the product.

Supplied by 5 (with 1 weight and 4 additional plugs per cannula).



Code x 5	Model	Cannula length
192246	Cannula with barb 1.6 mm diameter + weight	25 mm
192244	Cannula with barb 1.6 mm diameter + weight	38 mm
192243	Cannula with barb, 2.1 mm diameter + weight	51 mm

CANNULAS WITH FLANGE 1.6 AND 2.1 MM DIAMETER

For use on nylon syringes projected by the two blowpipes, the Delta Special model and all gas projectors.

- The hole in the needle allows injection of the product when the plug is pushed back at the moment of impact.
- The flange keeps the syringe in place during injection of the product and is less traumatic than the barb.

Supplied by 5 (with 1 weight and 4 additional plugs per cannula).



Code x 5	Model	Cannula length
192250	Cannula with flange, 1.6 mm diameter + weight	25 mm
192248	Cannula with flange, 1.6 mm diameter + weight	38 mm
192252	Cannula with flange, 2.1 mm diameter + weight	51 mm

PRACTICE CANNULAS

For use with all 11 mm syringes (Mini-Ject, Softy, Easy).

Supplied by 5 with 1 weight per cannula.



Code x 5	Model
192185	Practice cannula

GAS REMOVER AND PLUNGER PUSHER

Gas remover and plunger pusher for use with reusable 11 mm syringes (Mini-Ject, Softy, Easy).



Code	Model
192280	Gas remover and plunger pusher

CANNULA PLUGS

Supplied in bags of 10.



Code x 10	Model
A 192338	Plug for cannula 1.1 mm and 1.2 mm diameter
B 192340	Plug for cannula 1.6 mm and 2.2 mm diameter

STAINLESS STEEL CONNECTOR

Stainless steel connector for syringes to replace the plunger pusher.

Code	Model
192278	Stainless steel connector for syringes



ALUMINIUM SYRINGES

Reusable anodised aluminium syringes for 13 mm projectors. Can be fully disassembled.

- The complete syringes are supplied disassembled, to permit greasing the syringe barrel and plunger before use.
- A syringe comprises:
 - an anodised aluminium syringe barrel,
 - a rubber plunger,
 - a stabiliser.
- Must be supplemented with an appropriate injection capsule (p.20), a cannula (p.21), a PVC rod (code 192328) and silicone grease (code 192320 p.16) for maintenance.



Code	Model	Length
192200	Complete aluminium syringe	1 mL
192202	Complete aluminium syringe	2 mL
192204	Complete aluminium syringe	3 mL
192206	Complete aluminium syringe	4 mL
192208	Complete aluminium syringe	5 mL
192210	Complete aluminium syringe	7 mL
192212	Complete aluminium syringe	10 mL
192214	Complete aluminium syringe	15 mL

FEATHERED STABILISER

Goose feather stabiliser compatible with 13 mm anodised aluminium syringes. Stabilises the syringe, allowing accurate shooting at long range.



Code	Model
192182	Feathered stabiliser

YELLOW PLASTIC STABILISER

Yellow plastic stabiliser with metal mouthpiece compatible with 13 mm anodised aluminium syringes. Stabilises the syringe, allowing accurate shooting at long range.



Code	Model
192194	Yellow plastic stabiliser

PLUNGER

Rubber plunger.

- Grease the piston with silicone grease (p.16) and place the injection capsule inside before inserting it into the aluminium barrel.

Supplied by unit.



Code	Model
192180	Rubber plunger

ANODISED ALUMINIUM SYRINGE BARRELS

High-quality anodised aluminium syringe barrels for 13 mm diameter projectors, enabling powerful high-performance shooting.



Code	Model
192100	Syringe barrel 1 mL
192102	Syringe barrel 2 mL
192104	Syringe barrel 3 mL
192106	Syringe barrel 4 mL
192108	Syringe barrel 5 mL
192110	Syringe barrel 7 mL
192112	Syringe barrel 10 mL
192114	Syringe barrel 15 mL

AMERICAN WOOL STABILISER

American wool stabiliser compatible with 13 mm anodised aluminium syringes. Stabilises the syringe, allowing accurate shooting at short to medium range.

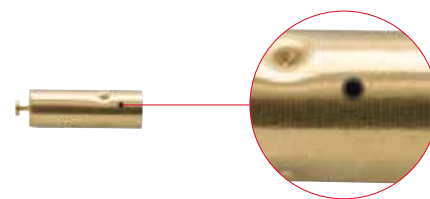


Code	Model
192192	American wool stabiliser

INJECTION CAPSULES

Capsules with firing pin triggering product injection upon impact. Positioned in the plunger, placed in the anodised aluminium syringe barrel.

Supplied by 10.



VISUAL CODE

Code x 10	Model	Visual code
192290	Injection capsule 1 to 5 mL	•
192292	Injection capsule 7 to 10 mL	••
192294	Injection capsule 15 mL	•••

PVC ROD

20 cm PVC rod, for greasing the plunger and lubricating the anodised aluminium syringe barrels with silicone grease (code 192320 p.16).



Code	Model
192328	PVC plunger lubricating rod

SMOOTH CANNULAS

Cannulas compatible with 13 mm anodised aluminium syringes, smooth.

- Two holes allow product injection upon impact.
- Aluminium hubs and stainless steel cannulas.

Supplied individually.



Code	Distinct reference	Diameter	Length	Number of holes
192120	NA2	2,5 mm	19 mm	1 hole
192122	NA3	2,5 mm	28 mm	2 holes
192124	NA4	2,5 mm	32 mm	2 holes

CANNULAS WITH FLANGE

Cannulas compatible with 13 mm anodised aluminium syringes.

- The two holes allows product injection upon impact.
- Aluminium hubs and stainless steel cannulas.
- The flange keeps the syringe in place for injection of the product and is less traumatic than the barb.

Supplied individually.



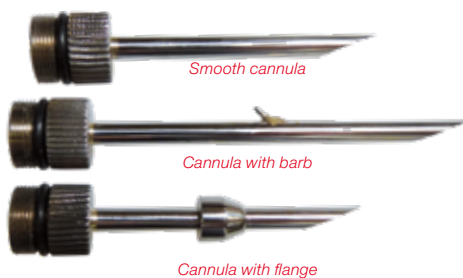
Code	Distinct reference	Diameter	Length	Number of holes
192144	NS1	2,5 mm	16 mm	1 hole
192146	NS2	2,5 mm	19 mm	1 hole
192132	NM1	2,5 mm	28 mm	1 hole
192134	NM2	2,5 mm	32 mm	2 holes
192136	NM3	2,5 mm	41 mm	2 holes
192138	NM4	2,5 mm	45 mm	2 holes
192140	NM5	2,5 mm	51 mm	2 holes
192142	NM6	2,5 mm	63 mm	2 holes

AFRICAN CANNULAS

Reinforced smooth cannulas compatible with 13 mm anodised aluminium syringes.

- The two holes allows product injection upon impact.
- Large diameter cannulas, specially adapted for use on large animals.
- Stainless steel hubs and cannulas.

Supplied individually.



Code	Distinct reference	Type of cannula	Diameter	Length
192148	EN1	Smooth	4 mm	48 mm
192150	EN2	Smooth	4 mm	68 mm
192152	EN3	Smooth	4 mm	78 mm
192154	EH1	Barb	4 mm	48 mm
192156	EH2	Barb	4 mm	68 mm
192158	EH3	Barb	4 mm	78 mm
192160	EC1	Flange	4 mm	48 mm
192162	EC2	Flange	4 mm	68 mm
192164	EC3	Flange	4 mm	78 mm

CANNULAS WITH BARB

Cannulas compatible with 13 mm anodised aluminium syringes.

- Two holes allows product injection upon impact.
- Aluminium hubs and stainless steel cannulas.
- The barb keeps the syringe in place for injection of the product.

Supplied individually.



Code	Distinct reference	Diameter	Length	Number of holes
192126	NC1	2,5 mm	19 mm	1 hole
192128	NC2	2,5 mm	28 mm	2 holes
192130	NC3	2,5 mm	41 mm	2 holes

CANNULAS WITH BRAKE

Cannulas compatible with 13 mm anodised aluminium syringes, with brake enabling a less traumatic shot.

- Cannulas with barb.
- Aluminium hubs and stainless steel cannulas.

Supplied individually.



Code	Length
192186	19 mm
192188	28 mm
192189	38 mm

ACCESSORIES

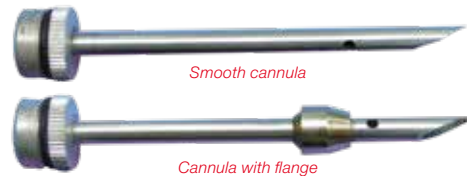
Code x 4	Model
192190	Replacement brake blades (19 mm x 2/28 mm)

ELEPHANT CANNULAS

Smooth cannulas compatible with 13 mm anodised aluminium syringes.

- The two holes allows product injection upon impact.
- Aluminium hubs and stainless steel cannulas.

Supplied individually.



Code	Model	Diameter	Length	Number of holes
192166	Smooth elephant cannula	4 mm	65 mm	2 holes
192168	Elephant cannula with flange	4 mm	65 mm	2 holes

PRACTICE CANNULAS

Practice cannula for 13 mm anodised aluminium syringes.

- Aluminium hubs and stainless steel cannulas.

Supplied by 5.



Code x 5	Model
192184	Practice cannula for 13 mm anodised aluminium syringes



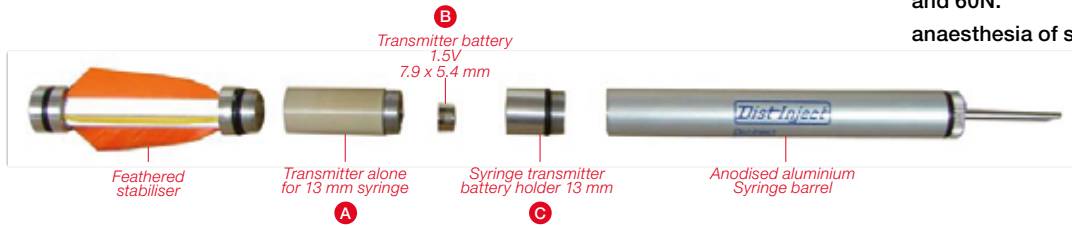
TRANSMITTER RECEIVER

Transmitter for all anodised aluminium syringes. Used with 13 mm projectors: 30N, 35N, 50N, 70. 72 and 60N. 434 MHz receiver for optimum reception.

- Single channel model for monitoring one animal.
- 100 channel model for monitoring several animals.

Transmitter for all anodised aluminium syringes. Used with 13 mm projectors: 30N, 35N, 50N, 70. 72 and 60N.

anaesthesia of small monkeys

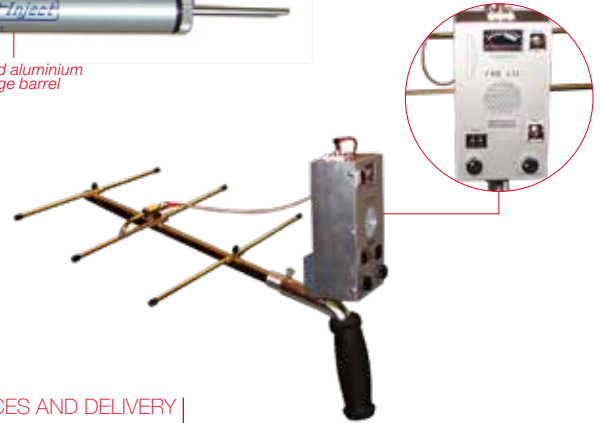


TRANSMITTER

Code	Model
192950	Complete transmitter (transmitter+battery+battery holder) for 13 mm anodised aluminium syringes
A 192952	Transmitter alone for 13 mm anodised aluminium syringes
B 192954	Battery 1.5 Volt - 7.9 x 5.4 mm for 13 mm syringe transmitter
C 192956	Battery holder for 13 mm syringe transmitter

RECEIVER

Code	Model
192960	Single channel 434 MHz receiver
192962	100 channel 434 MHz receiver



PRICES AND DELIVERY ON DEMAND

*Product may differ from image.

SPEEDY SYRINGES

Disposable automatic syringes, for use with all 13 mm projectors.

- Lightweight (between 13 and 14 g), limits the risk of injury.
- Easy preparation: requires only introduction of the anaesthetic product via the cannula.
- Cannula with barb.
- Built-in percussion cap triggers product injection upon impact.
- Safety pin.
- Disposable for hygiene and performance.
- Contents: 3 mL.
- Range 5 to 40 m.

Supplied by 4 with filling cannula.



Code x 4	Model	Cannula diameter	Cannula length
192216	Speedy syringe 3 mL	2 mm	20 mm
192218	Speedy syringe 3 mL	2 mm	30 mm

FLIP SYRINGES

Automatic disposable syringe, for use with all 13 mm projectors, particularly compatible with remote anaesthesia of small monkeys.

- Lightweight (5 g), limits the risk of injury.
- Easy preparation: requires only introduction of the anaesthetic product via the cannula.
- Smooth cannula.
- Built-in percussion cap triggers product injection upon impact.
- Disposable for hygiene and performance.
- Contents: 1 mL.
- Range 30 to 60 m.

Supplied by 4 with filling cannula.



Code x 4	Model	Cannula diameter	Cannula length
192220	Flip syringe	2.5 mm	13 mm



AUTOMATIC INJECTION STICK

Pole syringes for instantaneous injection.
Maximum capacity 5 mL. Length 35 cm.

- Supplied with full equipment:
 - 1 5 mL syringe,
 - 1 bag of 5 disposable needles of diameter 2.0 x 25 mm (cattle / horses),
 - 1 bag of 5 disposable needles of diameter 1.6 x 19 mm (dogs / cats),
 - 65 mL lighter gas refill,
 - 1 plunger pusher (code 192337 p.92).
- Option: 85 cm extension.



Code	Model	Dimensions	Use	Pack.
192370	Automatic injection stick - full equipment	Diameter 2.0 x L 25 mm	Dogs / Cats	1 bag of 5 needles
192372	Automatic injection stick - full equipment	Diameter 1.6 x L 19 mm	Dogs / Cats	1 bag of 5 needles
192376	16G x 3/4" needles	Diameter 1.6 x L 19 mm	Dogs / Cats	1 bag of 5 needles
192378	14G x 1" needles	Diameter 2.0 x L 25 mm	Cattle / Horses	1 bag of 5 needles
192380	5 mL syringe for automatic injection stick	-	-	-

ACCESSORIES

Code	Model
192342	Lighter gas refill 65 mL only (p.16)

EXTENSION FOR REMOTE INJECTION STICK

Rigid extension which is screwed to the tip of the remote injection stick above.



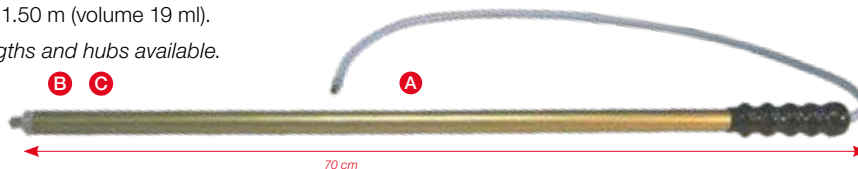
Code	Model
192374	Extension for 85 cm remote injection stick

EXTENSION FOR INJECTION

Rigid lightweight 70 cm extension for remote injections with 0.80 m tube reinforced between the syringe and the extension. Adapts to all types of syringes with a Luer-Lock hub.

- Anodised aluminium.
- Reinforced tubing for injecting viscous products.
- Monobloc Luer-Lock hub.
- Plastic handle
- Total length of tube: 1.50 m (volume 19 ml).

On request: other lengths and hubs available.



Code	Model
106002	Full extension 70 cm
106048	Female olive / Luer A
106007	Reinforced tubing (one meter)
106008	Olive tip for needle hubs B
109300	Monobloc Luer-Lock hub C

EXTENDED HYPODERMIC SYRINGE

Extended Metalplex® hypodermic syringe.

- Total length 65 cm.
- Rigid extension made of anodised aluminium.
- Centred, monoblock Luer-Lock hub.

OTHER MODELS AND CAPACITIES ON REQUEST



Code not adjustable	Capacity	Seal	Graduation
102600	10 mL	14-20	1/2 mL

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