

Socorex® *original*

your automatic choice

animal health > veterinary > vaccination > injection syringes



The Socorex® self-refilling syringes with spring-loaded plunger and three-way valve system are designed for serial precision injections. Simple conception, perfect balance and ergonomic design provide for ease of use, operator comfort and fatigue-free fieldwork.

An exceptional price / quality ratio makes the Socorex® syringes all the more your automatic choice.

Features and benefits:

- Superior, long-lasting quality
- Effortless, high throughput vaccination
- From small to large animals
- Suitable for most liquids and suspensions
- Operate under any climatic conditions
- Easy disassembling and maintenance
- Economical parts, all interchangeable

The Socorex® *original* models
167 187 287

Twin syringe
= extended
programme

 **SOCOREX**
SWISS



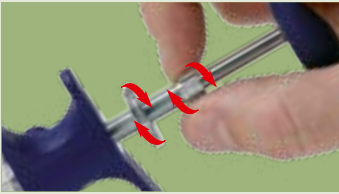
Socorex® original

your automatic choice



► User comfort

Both two-ring and pistol grip handles fit any hand in a most comfortable way. Activation performed with limited effort, guaranteeing the highest productivity level.



► Fast and reliable volume selection

Volume is easily set by means of a micrometric screw. Each barrel of the Twin 287 syringe has an independent volume-setting mechanism. Locking nut assures high dose-to-dose reproducibility even with small volumes. The broad volume range selection covers many applications in all animals.



► Plunger tightness without O-ring

Smooth plunger travel and tightness achieved through high-precision stainless steel plunger and ground glass barrel. No O-ring to mess with or replace.



► Maintenance and sterilization

Syringes made of 6 main parts, easy to disassemble / reassemble. Fast access to all elements allows quick and efficient cleaning. Sterilization fully assembled in boiling water or in autoclave at 121 °C / 250 °F.



Pistol grip model

Most commonly used, the 187 instrument is perfectly adapted for injecting aqueous, oily, viscous or heavy iron solutions as well as a variety of suspensions.

Vial feeding syringe*

Instrument comes along with a rigid vial holder, rubber washer for bottle, spare part kit and operating instructions (bottle and needle not included).

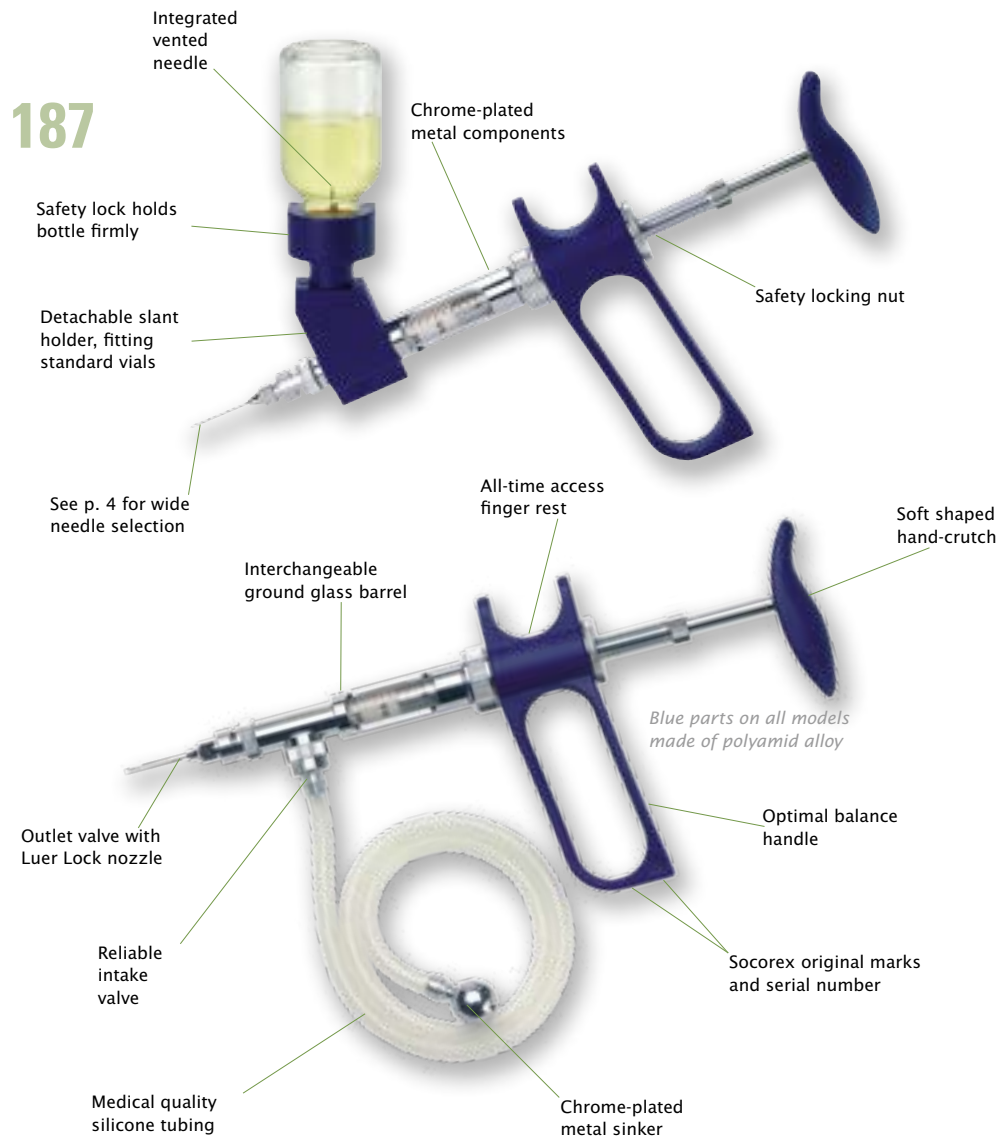
Tube feeding syringe*

Syringe supplied with aspiration and vent cannulas, sinker and silicone tubing (1 meter), spare part kit and operating instructions (needle not included).

Vial and tube syringe, combo set*

Set combines instrument with all accessories and parts of tubing and vial holder models. For instant conversion from one to the other.

* Alternative viscous liquid spring on 2 and 5 mL models.



Pistol grip instrument selection

Capacity mL	Volume range mL	Division mL	Tube feeding syr. Cat. No.	Vial feeding syr. Cat. No.	Vial and tube combo set Cat. No.
0.3	0.025 - 0.3	0.025	187.2.05003	187.1.05003	
0.5	0.1 - 0.5	0.1	187.2.05005	187.1.05005	187.3.05005
1	0.1 - 1	0.05	187.2.0501	187.1.0501	187.3.0501
2	0.3 - 2	0.1	187.2.0502	187.1.0502	187.3.0502
5	0.5 - 5	0.5	187.2.0505	187.1.0505	187.3.0505
10	1 - 10	1	187.2.0510	187.1.0510	187.3.0510
20	5 - 20	1	187.2.0520		

Alternative Record Unifix, Rotlauf or Luer Linden nozzles available on request



Two-ring model

The ergonomic two-ring model offers an alternative work position to the classic pistol grip syringe from which it originates.

Tube feeding syringe

Instrument supplied with aspiration and vent cannulas, sinker and silicone tubing (1 meter), spare part kit and operating instructions. Alternative viscous liquid spring on 2 and 5 mL models (needle not included).

Syringe compatible with vial holder set supplied separately (see underneath).



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Two-ring instrument selection

Capacity mL	Volume range mL	Division mL	Tube feeding syr. Cat. No.
0.3	0.025 - 0.3	0.025	167.2.05003
0.5	0.1 - 0.5	0.1	167.2.05005
1	0.1 - 1	0.05	167.2.0501
2	0.3 - 2	0.1	167.2.0502
5	0.5 - 5	0.5	167.2.0505



Syringe stand

Stand holds anyone Socorex® syringe in ready to fetch position. Easy-to-clean polyamid alloy, autoclavable at 121 °C.

Description	Packaging	Cat. No.
Stand for automatic syringe	1/pk	320.170

► Superior materiel selection

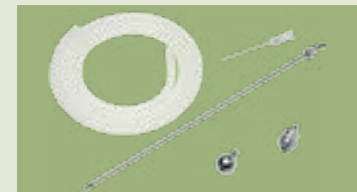
Carefully selected materials such as chrome-plated brass and polyamid provide high resistance and durability. Plunger and valve balls made of stainless steel for high reliability and corrosion prevention.

Parts in contact with liquid	Materials
Feed tubing	Silicone
Barrel	Borosilicate glass
Washer, barrel	FPM
Plunger	Stainless steel
Valve system	Ni-Cr Brass
Washer, valve	PTFE
Spring and balls, valve	Stainless steel
Sinker, feed cannula	Ni-Cr Brass



► Vial holder conversion set ①

Includes one each vial holder, tube connector, feed needle, locking ring, bottle-lock and rubber washer (improves vial holder tightness). No tool needed.



► Tube feeding conversion set ②

Includes 1 meter silicone tubing, sinker, feed and vent cannulas.



► Mounted PP reservoirs ③

Large screwed-on reservoir to be used only with Rotlauf intake valve (cat. No. 187.613). Autoclavable.

► Anti-blocking factor (ABF™) ④

Non-oily, non-sticky, non-toxic, silicone free premium lubricant for syringes. A thin layer on metal plunger also provides efficient corrosion protection and reduces wear. Supplied in 70 mL and 500 mL bottles



Accessories for self-refilling syringes



Conversion sets ① ②

Description	Packaging	Cat. No.
Set with aspiration valve	1/pk	1.187.1B
Set without aspiration valve	1/pk	1.187.1C
Rubber washers, Ø 20 mm	10/pk	1.187.745
Tube feeding set	1/pk	1.187.2B

Mounted PP reservoirs ③

Description	Packaging	Cat. No.
Bottle, 60 mL capacity	1/pk	1.187.060
Bottle, 125 mL capacity	1/pk	1.187.150
Bottle, 250 mL capacity	1/pk	1.187.250

Anti-blocking factor (ABF™) ④

Description	Packaging	Cat. No.
Lubricant spray, 70 mL	3/pk	1.170.705
	6/pk	1.170.906
	12/pk	1.170.912
Lubricant spray refill bottle, 500 mL	1/pk	1.170.755
	6/pk	1.170.956
	12/pk	1.170.962

Drenchers (animal mouth and nose canulas) ⑧

Size (Ø x L), straight	Packaging	Cat. No.
0.9 x 25 mm	3/pk	376.0925S
1.2 x 51 mm	3/pk	376.1251S
1.6 x 102 mm	2/pk	376.16102S
3.0 x 203 mm	2/pk	376.30203S

Injection needles (packaging 12/box) ⑨

Ø x L (mm)	Gauge x inches	Cat. No.
0.5 x 3	25G x 1/8	371.0503
0.5 x 4	25G x 1/6	371.0504
0.6 x 3	23G x 1/8	371.0603
0.6 x 4	23G x 1/6	371.0604
0.6 x 5	23G x 3/16	371.0605
0.6 x 6	23G x 1/4	371.0606
0.6 x 8	23G x 1/3	371.0608
0.7 x 4	22G x 1/6	371.0704
0.7 x 6	22G x 2/8	371.0706
0.7 x 10	22G x 3/8	371.0710
0.7 x 13	22G x 1/2	371.0713
0.8 x 4	21G x 1/6	371.0804
0.8 x 6	21G x 1/4	371.0806
0.8 x 10	21G x 3/8	371.0810
0.8 x 20	21G x 3/4	371.0820
0.8 x 25	21G x 1	371.0825
0.8 x 40	21G x 1 5/8	371.0840
0.8 x 80	21G x 3 1/8	371.0880
0.9 x 10	20G x 3/8	371.0910
0.9 x 13	20G x 1/2	371.0913
1.0 x 10	19G x 3/8	371.1010
1.0 x 13	19G x 1/2	371.1013
1.0 x 15	19G x 5/8	371.1015

Extension tubing/ injection handle ⑤ ⑥

Description	Size	Cat. No.
Rigid extension tubing	20 cm	1.187.20
Rigid extension tubing	30 cm	1.187.30
Injection handle set	13 cm	1.187.100

PVC protection sleeves ⑦

Description	Packaging	Cat. No.
Fit 0.3, 0.5 mL barrels	6/pk	1.170.4005
Fit 1 mL barrel	6/pk	1.170.401
Fit 2 mL barrel	6/pk	1.170.402
Fit 5 mL barrel	6/pk	1.170.405
Fit 10 mL barrel	6/pk	1.170.410
Fit 20 mL barrel	3/pk	1.170.420

Size (Ø x L), bent	Packaging	Cat. No.
0.9 x 25 mm	3/pk	376.0925B
1.2 x 51 mm	3/pk	376.1251B
1.6 x 102 mm	2/pk	376.16102B
3.0 x 203 mm	2/pk	376.30203B

Ø x L (mm)	Gauge x inches	Cat. No.
1.0 x 20	19G x 3/4	371.1020
1.0 x 25	19G x 1	371.1025
1.0 x 30	19G x 1 1/8	371.1030
1.2 x 10	18G x 3/8	371.1210
1.2 x 13	18G x 1/2	371.1213
1.2 x 15	18G x 5/8	371.1215
1.2 x 20	18G x 3/4	371.1220
1.2 x 50	18G x 2	371.1250
1.4 x 10	17G x 3/8	371.1410
1.4 x 20	17G x 3/4	371.1420
1.6 x 10	16G x 3/8	371.1610
1.6 x 100	16G x 4	371.16100
1.6 x 13	16G x 1/2	371.1613
1.6 x 20	16G x 3/4	371.1620
1.6 x 25	16G x 1	371.1625
1.6 x 30	16G x 1 1/8	371.1630
1.8 x 10	15G x 3/8	371.1810
1.8 x 20	15G x 3/4	371.1820
1.8 x 30	15G x 1 1/8	371.1830
2.0 x 30	14G x 1 1/8	371.2030
2.0 x 40	14G x 1 5/8	371.2040
2.0 x 50	14G x 2	371.2050



- ▶ **Rigid extension tubing ⑤**
PVDF tubing increases distance between animal and hand for added safety. Chrome plated Luer Lock connections on both sides. Fully autoclavable.



- ▶ **Injection handle ⑥**
Ideal to inject in confined areas not easily reached by syringe. Set includes handle, 1 m. silicone tubing, Luer Lock connectors to syringe and needle. Also fits 20 or 30 cm rigid extension tubing.



- ▶ **PVC Protection sleeves ⑦**
Installed in a second, the sleeve provide for efficient safety in reducing glass barrel breakage. Sleeve is not autoclavable.



- ▶ **Drenchers ⑧**
Straight or bent drenchers with rounded extremities, allow for safe animal nose and mouth feeding. Stainless steel material, autoclavable.



- ▶ **Injection needles ⑨**
Superior quality Luer Lock needles, regular bevel, stainless steel, autoclavable.



Twin model

Combining reliability with efficiency, the Twin syringe is intended for the simultaneous administration of distinct liquids. Each side consists of its own barrel – valve assembly. Volumes adjustable separately. Needle spacing 28 mm.

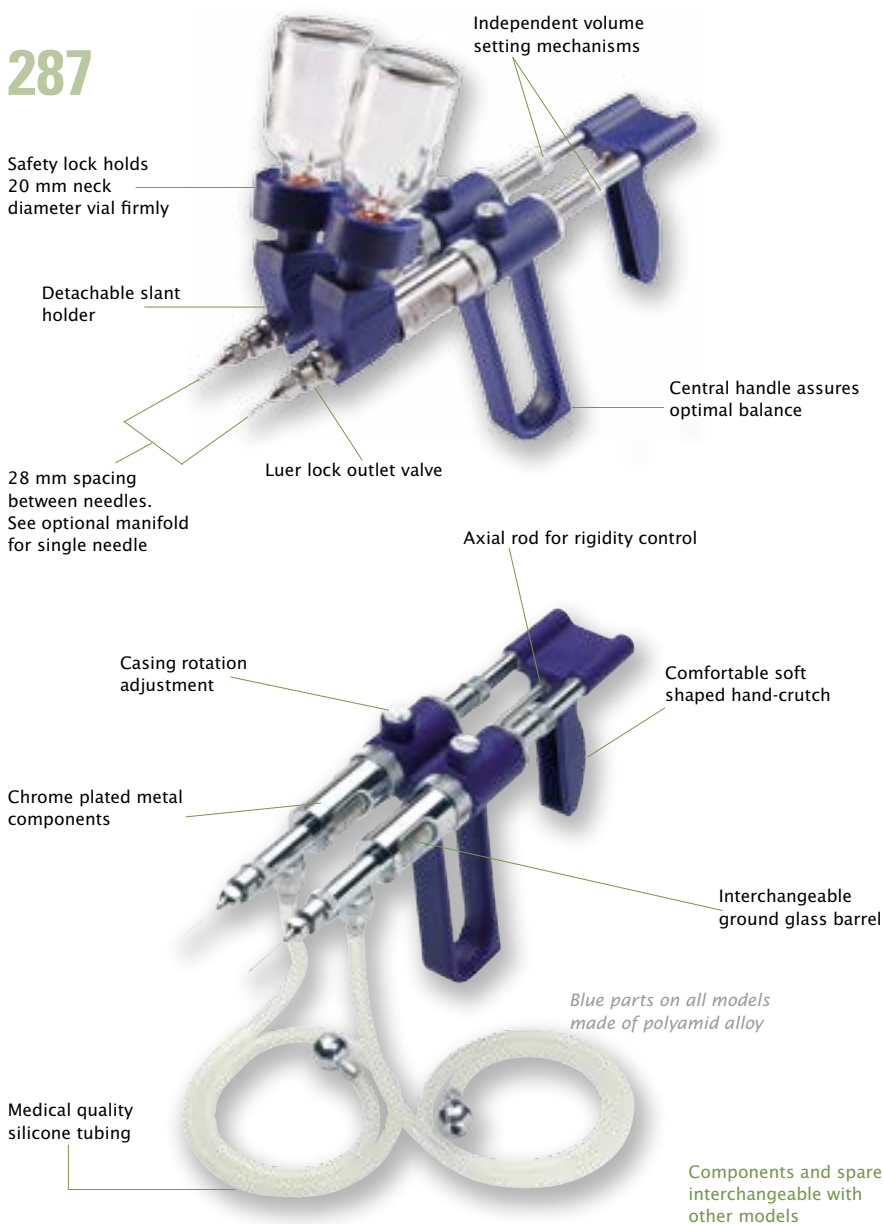
Vial feeding Twin syringe*

Instrument supplied with two each vial holder, rubber washer, spare kit and operating instructions.

Tube feeding Twin syringe*

Model supplied with two each aspiration/vent cannulas, sinker, silicone tubing (1 m), spare part kit and operating instructions.

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Twin instrument selection

Capacity mL	Volume range mL	Division mL	Vial feeding syr. Cat. No.	Tube feeding syr. Cat. No.
0.3	0.025 - 0.3	0.025	287.1.05003	287.2.05003
0.5	0.1 - 0.5	0.1	287.1.05005	287.2.05005
1	0.1 - 1	0.05	287.1.0501	287.2.0501
2	0.3 - 2	0.1	287.1.0502	287.2.0502
5	0.5 - 5	0.5	287.1.0505	287.2.0505

* Bottles and injection needles not included.

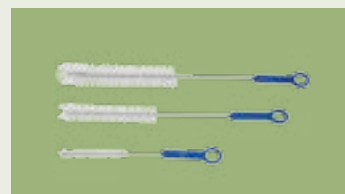
Save time and money by doubling injection productivity output!



► Optional manifold

Allows injection of both liquids through a single needle. No tool needed for instant assembly on syringe nozzle. Stainless steel material, autoclavable.

Description	Packaging	Cat. No.
Single needle manifold	1/pk	1.287.685



► Barrel brushes

Heavy-duty nylon brushes provide for efficient glass barrel and tube cleaning.

Description	Packaging	Cat. No.
For 0.3, 0.5, 1 mL barrels	6/pk	1.170.301
For 1, 2, 5 mL barrels	6/pk	1.170.305
For 5, 10, 20 mL barrels	3/pk	1.170.320
Set of 2 each assorted	6/pk	1.170.300



► Draw-off needle with air inlet and filter

Easy tube connection to hanging bottle or soft pouch.

Description	Packaging	Cat. No.
Draw-off needle	6/pk	1.187.590

Spare parts for animal health syringes



Description	Packaging	Cat. No.
Spare glass barrel, ground, interchangeable ①		
Barrel, syringe 0.3 mL	6/pk	0187.003
Barrel, syringe 0.3 mL, with plunger	6/pk	0187.003P
Barrel, syringe 0.5 mL	6/pk	0187.005
Barrel, syringe 0.5 mL, with plunger	6/pk	0187.005P
Barrel, syringe 1 mL	6/pk	0187.01
Barrel, syringe 1 mL, with plunger	6/pk	0187.01P
Barrel, syringe 2 mL	6/pk	0187.02
Barrel, syringe 2 mL, with plunger	6/pk	0187.02P
Barrel, syringe 5 mL	6/pk	0187.05
Barrel, syringe 10 mL	6/pk	0187.10
Barrel, syringe 20 mL	3/pk	0187.20



Description	Packaging	Cat. No.
Spare bag includes springs, balls, washers for valve and barrel washer ②		
Kit for valve, syringe 0.3 mL	1 bag	1.187.72003
Kit for valve, syringe 0.5 mL	1 bag	1.187.72005
Kit for valve, syringe 1 mL	1 bag	1.187.7201
Kit for valve, syringe 2 mL	1 bag	1.187.7202
Kit for valve, syringe 5 mL	1 bag	1.187.7205
Kit for valve, syringe 10 mL	1 bag	1.187.7210
Kit for valve, syringe 20 mL	1 bag	1.187.7220



Description	Packaging	Cat. No.
Spare feed tubing, medical quality silicone ③		
Tube, syringes 0.3 to 10 mL, cut	1 m/pk	187.705
Tube, syringes 0.3 to 10 mL, cut	3 x 1 m/pk	187.905
Tube, syringes 0.3 to 10 mL, uncut	10 m/pk	187.910
Tube, syringes 0.3 to 10 mL, uncut	by the meter	187.710
Tube, syringe 20 mL, cut	1 m/pk	187.707



Spare cannulas ④		
Short vent cannulas:		
Plastic / SS, syringes 0.3 to 5 mL	1/pk	187.933
Chrome-plated, syringe 10 mL	1/pk	187.591
Chrome-plated, syringe 20 mL	1/pk	187.593
Long feed cannulas:		
Chrome-plated, syringes 0.3 to 10 mL	1/pk	187.592
Chrome-plated, syringe 20 mL	1/pk	187.594

All instrument parts available from your local distributor

Your local distributor

Note on performance data

Accuracy depends on plunger adjustment and working speed. Reproducibility (CV) better than 1.2%, determined with bi-dist water, activation at constant working speed, using a stainless steel cannula (ø: 1.2 mm, L: 50 mm).

One-year warranty

Important information

Refer to package inserts for safety precautions, operating instructions and warranty terms.

User must pay special attention to possible hand fatigue during serial injections and its medical consequences such as repetitive strain injuries (RSI).

Mind biohazardous and physical risks involved in handling syringes and injectables with respect to personnel, third party and environmental protection and safety.

Products and specifications are subject to change without prior notice.



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