

**Socorex® original**  
your automatic choice

# animal health 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

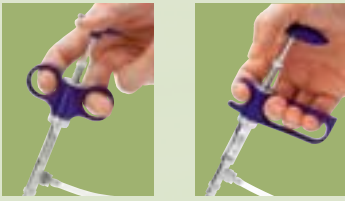
**The Socorex® original models**  
**167 187 287**



**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.



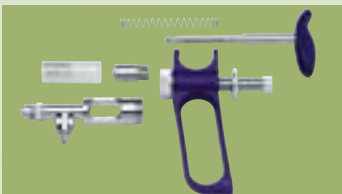
### ► Fast and reliable volume selection

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 grounded 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 with a rigid vial holder, spare part kit and operating instructions (bottle and needle not included).

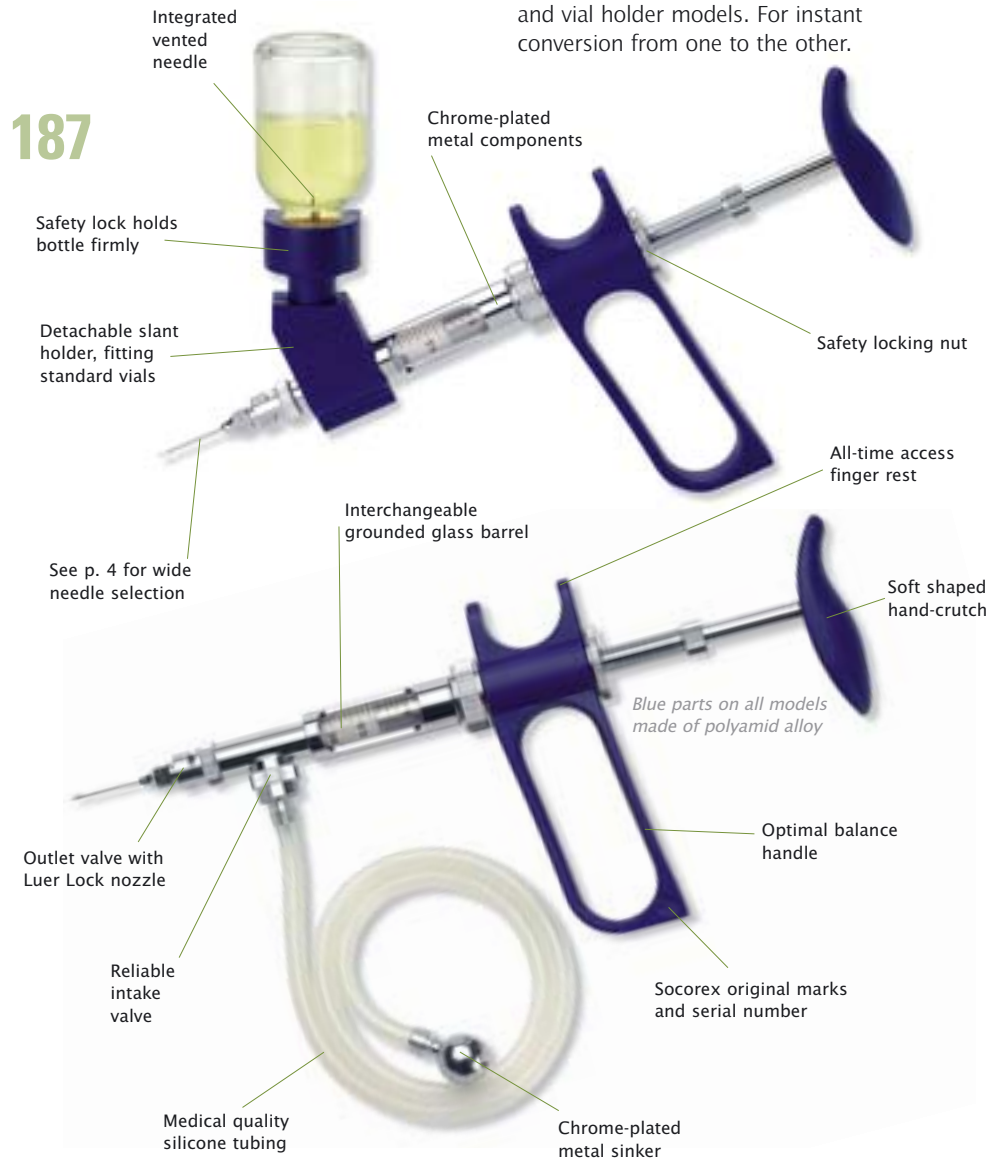
### Tube feeding syringe

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.

# 187



## 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 Unix, Rotlauf or Luer Linden nozzles available on request



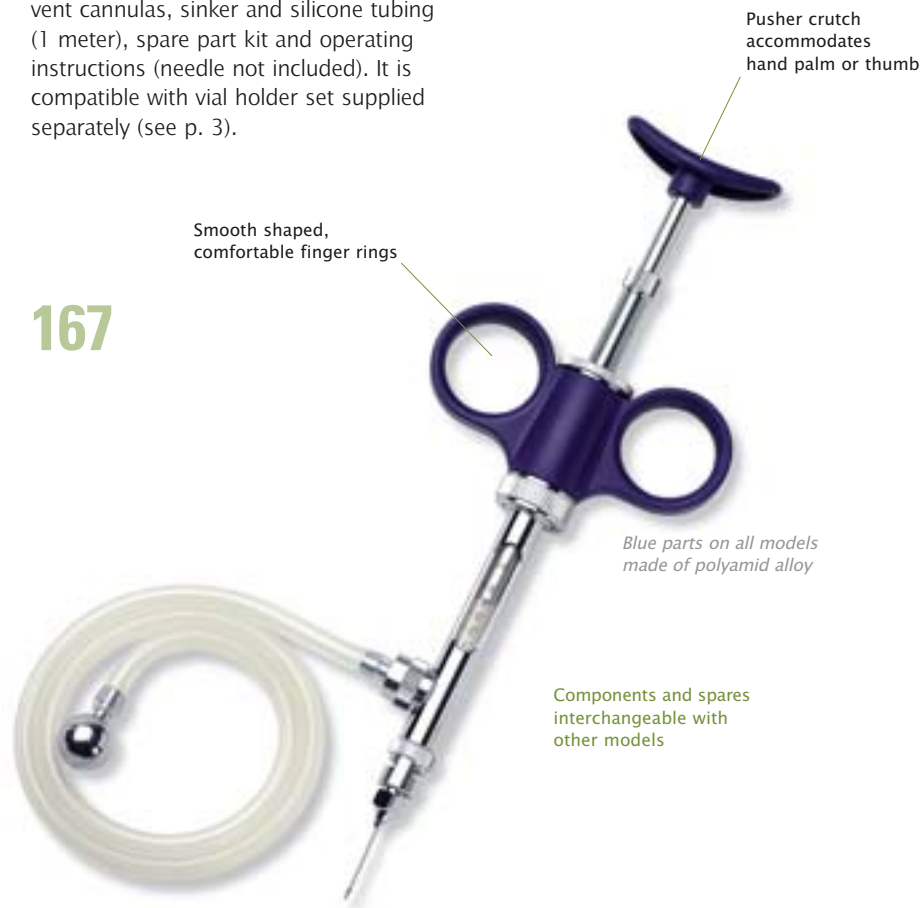
## Two-ring model

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 (needle not included). It is compatible with vial holder set supplied separately (see p. 3).

167



Blue parts on all models made of polyamid alloy

### 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.

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

### ► Superior material selection

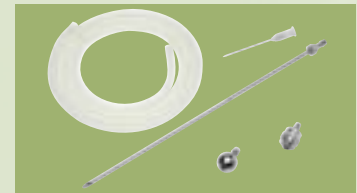
Carefully selected materials such as chrome-plated brass and polyamid provide high resistance and durability. Plunger and valve balls made of stainless steel for high reliability and corrosion prevention.

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

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



### ► Tube feeding conversion set

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



### ► Mounted PP reservoirs

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



## Accessories for self-refilling syringes

### Conversion sets

Description	Packaging	Cat. No.
Vial holder set with aspiration valve	1/pk	1.187.1B
Vial holder set without aspiration valve	1/pk	1.187.1C
Rubber washers, Ø 20 mm	10/pk	1.187.745
Feed tubing set	1/pk	1.187.2B

### PVC protection sleeves

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

### Barrel cleaning brushes (heavy-duty nylon)

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

### Drenchers (animal mouth and nose canulas)

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

### Injection needles (packaging 12/box)

Ø x L (mm)	Cat. No.	Ø x L (mm)	Cat. No.	Ø x L (mm)	Cat. No.
0.6 x 13	371.0613	10 x 30	371.1030	16 x 100	371.16100
0.7 x 4	371.0704	12 x 10	371.1210	18 x 10	371.1810
0.7 x 6	371.0706	12 x 15	371.1215	18 x 20	371.1820
0.7 x 13	371.0713	12 x 20	371.1220	18 x 30	371.1830
0.8 x 10	371.0810	12 x 35	371.1235	20 x 30	371.2030
0.8 x 20	371.0820	12 x 50	371.1250	20 x 40	371.2040
0.8 x 30	371.0830	14 x 10	371.1410	20 x 50	371.2050
0.8 x 40	371.0840	14 x 20	371.1420		
0.9 x 13	371.0913	14 x 35	371.1435		
10 x 10	371.1010	16 x 10	371.1610	Tuberculin	
10 x 13	371.1013	16 x 20	371.1620	0.7 x 3	374.0703
10 x 15	371.1015	16 x 25	371.1625	0.7 x 4	374.0704
10 x 20	371.1020	16 x 30	371.1630	0.7 x 5	374.0705

### Mounted PP reservoirs

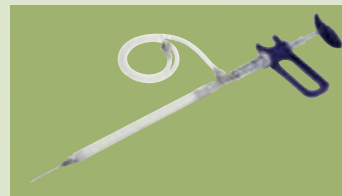
Description	Packaging	Cat. No.
Bottle, 60 mL capacity	1/pk	1.187.060
Bottle, 125 mL capacity	1/pk	1.187.150
Bottle, 250 mL capacity	1/pk	1.187.250

### Extension tubing/injection handle

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

### Draw-off needle

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



#### ► Rigid extension tubing

PVDF tubing increases distance between animal and hand for added safety. Chrome plated Luer Lock connections on both sides. Fully autoclavable.



#### ► Injection handle

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



#### ► PVC Protection sleeve

Installed in a second, the sleeve provides for efficient safety in reducing glass barrel breakage. Sleeve is not autoclavable.



#### ► Stainless steel drenchers

Straight or bent drenchers with rounded end allow for safe animal nose and mouth feeding. Autoclavable.



#### ► Stainless steel injection needles

Superior quality Luer Lock needles, regular level, 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.

### Tube feeding syringe

Twin syringe supplied with operating instructions and two each aspiration / vent cannulas, sinker, silicone tubing (1 meter) and spare part kit (needle not included).

**Save time and money by doubling injection productivity output!**

287



### Twin instrument selection

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



### Syringe stand

Stand holds anyone Socorex® syringe in ready to fetch position. Easy-to-clean polyamid alloy.

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

### Twin syringe alternative configurations



#### ► Optional vial holder

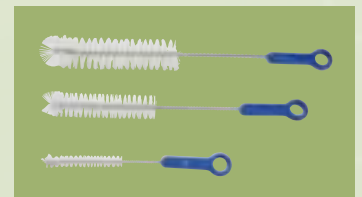
Converts one or two sides of Twin syringe for vial feeding. Set(s) to be ordered separately. See p. 3 and 4 for details.



#### ► Optional manifold

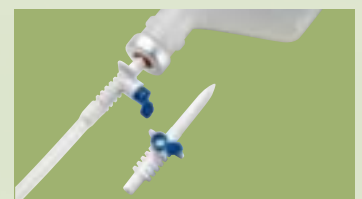
Allows injection of both liquids through a single needle. Stainless steel material.

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



#### ► Barrel brushes

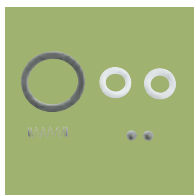
Heavy-duty nylon brushes provide for efficient glass barrel and tube cleaning. (see accessoires p. 4)



#### ► Draw-off needle with air inlet and filter

Easy tube connection to hanging bottle or soft pouch. (see accessoires p. 4)

## Spare parts for animal health syringes



Description	Packaging	Cat. No.
<b>Spare glass barrel, grounded, interchangeable</b>		
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 2 mL	6/pk	0187.02
Barrel, syringe 5 mL	6/pk	0187.05
Barrel, syringe 10 mL	6/pk	0187.10
Barrel, syringe 20 mL	3/pk	0187.20

<b>Spare bag includes springs, balls, washers for valve and barrel washer</b>		
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

<b>Spare feed tubing, medical quality silicone</b>		
Tube, syringes 0.3 to 10 mL, cut	1 m/pk	187.705
Tube, syringes 0.3 to 10 mL, cut	3x 1m/pk	187.905
Tube, syringes 0.3 to 10 mL, cut	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

<b>Spare cannulas</b>		
<b>Short vent cannulas:</b>		
Plastic / SS, syringes 0.3 to 5mL	1/pk	187.933
Chrome-plated, syringe 10 mL	1/pk	187.591
Chrome-plated, syringe 20 mL	1/pk	187.593

<b>Long feed cannulas:</b>		
Chrome-plated, syringes 0.3 to 10 mL	1/pk	187.592
Chrome-plated, syringe 20 mL	1/pk	187.594

### 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

**Q.M. SYSTEM**  
ISO 9001/13485  
**CERTIFIED**



## Your local distributor

**SOCOREX**  
SWISS

**SOCOREX ISBA SA**  
Champ-Colomb 7, P.O. Box  
1024 Ecublens/Lausanne  
Switzerland  
socorex@socorex.com  
www.socorex.com  
Tel: +41 (0)21 651 6000  
Fax: +41 (0)21 651 6001