

Dosys™ laboratory syringes – Unlimited applications



Dose-by-dose
distribution



Dispensing distribution



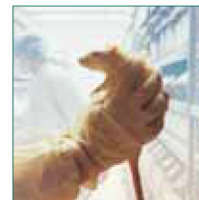
Sterile work



Filtration at your
nozzle tip



Aspiration with reverse
modus valve



Animal injection

Instrument descriptions and ordering information

Corrosion
resistant

Dosys™ *basic* syringes 162 / 172

- Fill-by-fill (automatic) through needle or cannula
- Supplied without valve system
- Luer Lock nozzle

Package includes syringe, PVC protection sleeve and operating instructions.



Volume	Division	Dosys 162 Cat. No.	Dosys 172 Cat. No.
0.1 – 1 mL	0.05 mL	162.0501	172.0501
0.3 – 2 mL	0.1 mL	162.0502	172.0502
0.5 – 5 mL	0.5 mL	162.0505	172.0505
1 – 10 mL	1.0 mL		172.0510

Dosys™ *classic* syringes 163 / 173

- Self-refilling automatic
- Integrated valve system
- Luer Lock nozzle

Package includes syringe, one meter silicone feed tube, sinker, PVC protection sleeve, aspiration and vent cannulas, set of spare for valve, operating instructions.



Volume	Division	Dosys 163 Cat. No.	Dosys 173 Cat. No.
0.025 – 0.3 mL	0.025 mL	163.05003	173.05003
0.1 – 0.5 mL	0.1 mL	163.05005	173.05005
0.1 – 1 mL	0.05 mL	163.0501	173.0501
0.3 – 2 mL	0.1 mL	163.0502	173.0502
0.5 – 5 mL	0.5 mL	163.0505	173.0505
1 – 10 mL	1 mL	163.0510	173.0510
5 – 20 mL	1 mL		173.0520

Dosys™ *premium* syringes 164 / 174

- Self-refilling automatic
- Detachable valve system
- Enhanced corrosion resistance
- Luer Lock nozzle

Package includes syringe, one meter silicone feed tube, sinker, PVC protection sleeve, aspiration, vent and dosing cannulas, set of spare for valve, operating instructions.



Volume	Division	Dosys 164 Cat. No.	Dosys 174 Cat. No.
0.1 – 1 mL	0.05 mL	164.0501	174.0501
0.3 – 2 mL	0.1 mL	164.0502	174.0502
0.5 – 5 mL	0.5 mL	164.0505	174.0505
1 – 10 mL	1.0 mL	164.0510	174.0510

Performance all models

Volume	Imprecision (CV%)		
	Min. vol.	Mid. vol.	Max. vol.
0.025 – 0.3 mL	< 1.8% ¹⁾	< 1.2%	< 0.5%
0.1 – 0.5 mL	< 1.2%	< 0.9%	< 0.4%
0.1 – 1 mL	< 0.7%	< 0.6%	< 0.4%
0.3 – 2 mL	< 0.6%	< 0.5%	< 0.4%
0.5 – 5 mL	< 0.5%	< 0.4%	< 0.2%
1 – 10 mL	< 0.5%	< 0.4%	< 0.2%
5 – 20 mL	< 0.5%	< 0.4%	< 0.4%

Tests performed with bidest. water, using stainless steel cannula (1.2x50 mm), at constant working speed. ¹⁾ Measured at 0.075 mL

Liquid path materials (for chemical resistance)

Parts	Basic / classic models	Premium models
Feed tubing	Silicone	Silicone
Barrel	Borosilicate glass	Borosilicate glass
Washer, barrel	FPM	FPM
Plunger	Stainless steel DIN 430F	Stainless steel DIN 316L
Valve system	Ni-Cr Brass	Stainless steel DIN 316L
Washer, valve	PTFE	PTFE
Spring and balls, valve	Stainless steel, DIN 304	Stainless steel, DIN 304
Sinker, feed cannula	Ni-Cr Brass	Ni-Cr Brass