

Syringes

Microlitre Syringes Hamilton 700/1000/1700 Series

Precision glass barrel syringes and stainless steel needles.

Microlitre Syringes, Hamilton

General purpose 700 series. Liquid tight for precision dispensing. Suitable for sample injection in gas, liquid and thin layer chromatography.

	Ref.	Capacity µl
With fixed needle (N) 12° bevel, 51mm long.		
SY600-15	75N	5
SY600-20	701N	10
SY600-24	702N	25
SY600-30	705N	50
SY600-40	710N	100
SY600-45	725N	250
SY600-50	750N	500
With removable needle (RN) 12° bevel, 51mm long.		
SY604-15	75RN	5
SY604-20	701RN	10
SY604-24	702RN	25
SY604-30	705RN	50
SY604-40	710RN	100

Microlitre pipettors – see PR100/IPR164.

Syringe filters – see FC800/FC812.

Microlitre Syringes, Hamilton

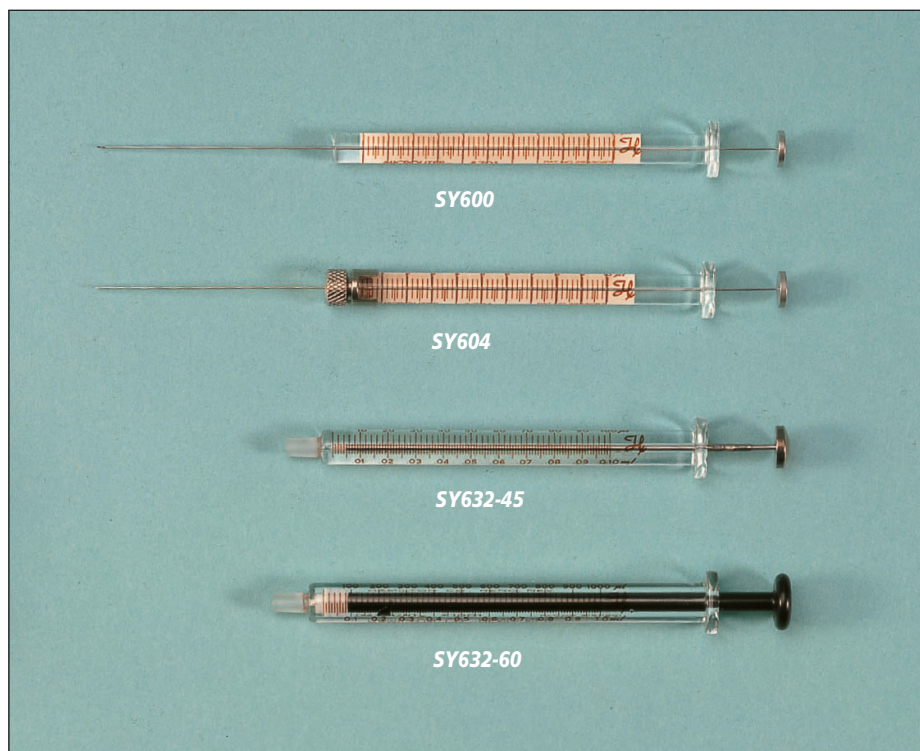
Gas tight and liquid tight. 1000/1700 series. With PTFE plunger. Wide range of applications including sample injection in chromatography.

	Ref.	Capacity µl
With fixed needle (N) 12° bevel, 51mm long.		
SY625-30	1705N	50
SY625-35	1710N	100
SY625-60	1001LTN	1000
With removable needle (RN) 12° bevel, 51mm long.		
SY629-30	1705RN	50
SY629-35	1710RN	100
SY629-60	1001RN	1000
With Luer tip (LT) Without needle.		
SY632-30	1705LT	50
SY632-35	1710LT	100
SY632-45	1750LT	500
SY632-60	1001LT	1000

Needles, stainless steel

Length 51mm, 12° bevel. Supplied in packs as indicated.

	Gauge	Diameter o.d. x i.d. mm	Pack qty.
For SY604 and SY629 Series			
SY636-20	22S	0.72 x 0.15	6
SY636-30	26S	0.47 x 0.12	6
For SY632 Series			
SY638-30	22S	0.72 x 0.15	6
SY638-40	26S	0.47 x 0.12	6



Syringe Pumps

Razel

For precise infusing of liquids, utilising standard glass or plastic syringes from 5ml to 50ml, and microlitre to 5ml syringes using the accessory adapter. 99 delivery speeds are selectable and can be adjusted during operation if required. A built-in, manual, flow-rate calculator indicates the speed setting necessary to achieve specific flow rates when using 5, 10, 20, 30 or 50ml syringes. A separate flow rate chart is also provided for other sizes and indicates variation factors for different makes of syringe. An acoustic alarm activates when the syringe is empty, and halts infusion. Lifetime lubricated, bronze bearings and critical parts constructed in stainless steel, ensure dependable long-term service.

Syringe Pumps, Razel

As described. Supplied with acoustic alarm. For 230V 50Hz single phase supplies. Without syringes.

PX890-10 Model R99-EF, 1.45 to 143ml/hr*

PX890-60 Model R99-FJM 0.145 to 427ml/hr*

*Using 50ml syringe.

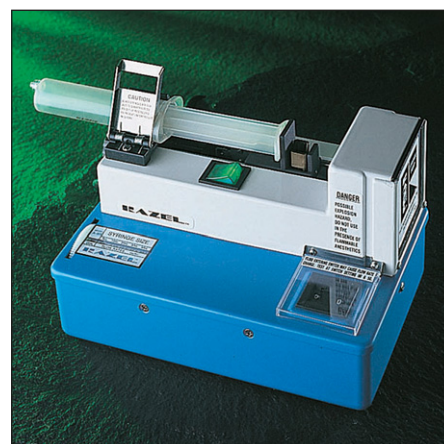
Micro syringe adapters

Enables PX890-series syringe pumps to be used with single place adapter to hold one micro syringe only

PX890-85 Micro syringe adapter, single place

Enables PX890-series syringe pumps to be used with up to six microlitre volume to 3ml capacity syringes (maximum syringe diameter 10mm).

PX890-90 Micro syringe adapter, 6-place



PX890-series