

800 Series Syringes

The 800 series MICROLITER™ syringes are a further development of the 700 series syringes and are liquid tight. The plungers are equipped with a removable metal handle which prevents heat transfer and the fine plunger from bending. The handle is assembled with a special stop that prevents the plunger from blowing out. If the glass barrel becomes damaged, the barrel can be easily replaced in the lab. The accuracy of these syringes is $\pm 1\%$ of the nominal volume.

Typical applications are:

- Sample injections in HPLC valves
- Manual sample injections in GC
- Sample collection from deep containers

Tech Tip



To achieve best reproducibility results of single deliveries, it is recommended to first overfill the syringe by 20% of the volume dispensed.



Economical Tip

Reusable handle can be used for 800 and 1800 series syringes.



800 N Syringes

Ordering information	Needle length mm	Volume 5 µl Model 85 Gauge 26s	Volume 10 µl Model 801 Gauge 26s	Volume 25 µl Model 802 Gauge 22s	Volume 50 µl Model 805 Gauge 22s	Volume 100 µl Model 810 Gauge 22s
N cemented needle pst2	51	84850	84852	84854	84856	84858



800 RN Syringes

Ordering information	Needle length mm	Volume 5 µl Model 85 Gauge 26s	Volume 10 µl Model 801 Gauge 26s	Volume 25 µl Model 802 Gauge 22s	Volume 50 µl Model 805 Gauge 22s	Volume 100 µl Model 810 Gauge 22s	Volume 250 µl Model 825 Gauge 22s
RN removable needle pst2	51	84851	84853	84855	84857	84859	84861
RN needle not included		7641-01	7642-01	7643-01	7644-01	7645-01	7646-01



Accessories and Spare Parts

Ordering information

	85 5 µl	801 10 µl	802 25 µl	805 50 µl	810 100 µl	825 250 µl
Reproducibility (Chaney) Adapter	32146	32146	32146	32146	32146	32146
RN nut	30902	30902	30902	30902	30902	30902
Holder assembly	32135	32135	32135	32135	32135	32135

Needles

Standard RN needles	7758-02	7758-02	7758-03	7758-03	7758-03	7779-03
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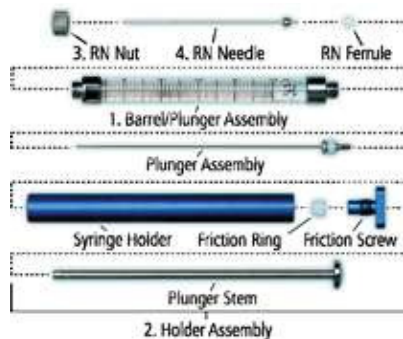
Barrel plunger assemblies

Barrel/plunger assembly N	32150	32151				
Barrel/plunger assembly RN		32165	32166		32168	32169
Barrel/plunger assembly RN Needle not included	32134	32129	32117	32120	32123	32126



Syringe Calibration Service

Add the prefix "CAL" in the beginning of the syringe part number.



Technical Specifications

	Syringe type Syringe capacity	85 5 µl	801 10 µl	802 25 µl	805 50 µl	810 100 µl	825 250 µl
Needle length (mm)		51	51	51	51	51	51
Needle gauge		26s	26s	22s	22s	22s	22s
Needle outer diameter (mm)		0.47	0.47	0.72	0.72	0.72	0.72
Needle inner diameter (mm)		0.13	0.13	0.15	0.15	0.15	0.15
Needle point style		2	2	2	2	2	2
Electro-tapered		Yes	Yes	Yes	Yes	Yes	Yes
Dead volume in needle (µl)		0.68	0.68	0.90	0.90	0.90	0.90
Scale length (mm)		54	54	60	60	60	60
Test pressure (MPa)		0.6	0.6	0.6	0.6	0.6	0.6