

Environmental Syringes

Super Syringes

.5 L - 2 L

- TEFLON® luer lock (TLL) or tracheal adapter (accepts 5/8" I.D. flexible tubing)
- Clear acrylic syringe barrels



- For use with gases and liquids
- For air sampling, preparing gas standards, calibrating reservoirs, and pneumographs

Purge and Trap Syringes

5 mL - 10 mL

- SampleLock Purge & Trap GASTIGHT syringe with an easy-to-use twist valve



- For the analysis of drinking water samples according to EPA purge and trap concentration techniques (see EPA method 502.1, 502.2, 503.1, 524.1, and 524.2)

Carbon Analyzer Syringes



50 µL - 250 µL

- Metal luer tapered hub cemented over a MICROLITER 700 Series N syringe
- Plungers are not interchangeable or replaceable



- For water analysis with Total Organic Carbon (TOC)
- Wetted parts are stainless steel and borosilicate glass
- Luer hub fits precisely into the inlet of a total organic carbon analyzer

Ordering Information

| | | Volume Model | .5 L S0500 | 1 L S1000 | 1.5 L S1500 | 2 L S2000 |
|-------------------------|---|-----------------|---------------|--------------|----------------|--------------|
| TLL (TEFLON® luer lock) |  | | 86311 | 86312 | 86313 | 86314 |
| Tracheal Adapter |  | | 86301 | 86302 | | |



Syringe Calibration Service

Add the prefix "CAL" to the beginning of the syringe's part number.

Typical Operating Parameters

- Maximum temperature is 80° C (176° F)
- Maximum pressure rating is 30 psig.

Optional Accessories

- Septum Adapter, see page 29
- MTB Sampling Valve, see page 29
- Needles, see page 31

Ordering Information

| Part Number | Model | Description |
|-------------|----------|--|
| 81570 | 1005SLPT | 5 mL Purge & Trap Syringe |
| 82570 | 1025SLPT | 25 mL Purge & Trap Syringe |
| 80300 | 701N | 10 µL Syringe (26s/2"/2) for adding an internal calibration standard or surrogate sample to the Purge & Trap syringe |
| 86789 | HVDP 2-5 | Purge & Trap Valve with female luer fitting for use with Tekmar™ and O-I purge and trap concentrators |



Easily remove the syringe plunger and load water sample into the syringe barrel



Add an internal standard or surrogate sample directly to your sample through the twist valve with a 10 µL syringe



Connect the sample syringe directly to the purge and trap valve via the integral male luer fitting

Ordering Information

| Part Number | Model | Volume | Gauge/Length/Point Style |
|-------------|-------|--------|--------------------------|
| 80550 | 705CA | 50 µL | (24/2"/13) |
| 80551 | 705CA | 50 µL | (26/2.5"/13) |
| 80660 | 710CA | 100 µL | (24/2"/13) |
| 80770 | 725CA | 250 µL | (24/2"/13) |

Typical Operating Parameters

- Maximum temperature is 50° C (122° F).
- Maximum pressure rating is 2000 psig except for 250 µL which is 1000 psig.