

Syringes for GC

Providing durability, clarity and accuracy for your sample

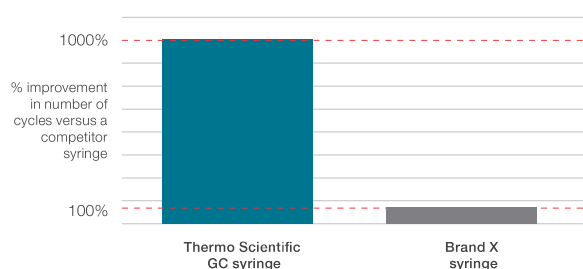
Thermo Scientific syringes for GC instruments are designed to provide enhanced durability, clarity and accuracy in sample introduction. This gives confidence in analytical results, time-after-time.

Thermo Scientific™ SMART consumables for TriPlus RSH SMART Autosampler include syringes, and solvent-free solid phase microextraction (SPME) Arrow fibers and SPME fibers.

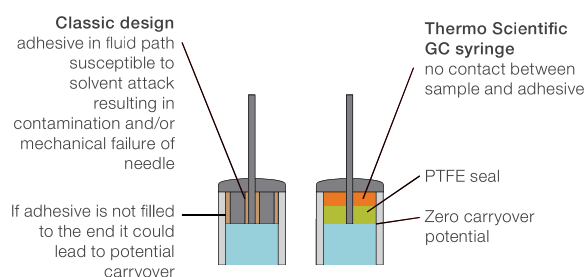
Learn more at

thermofisher.com/smartchromatographsyringe

thermofisher.com/gcparts



Fixed needle attachment



Durability in your GC syringe

The enhanced design of the syringes delivers:

- Improved solvent resistance
- Greater temperature range
- Increased operational smoothness
- Longer lifetime and improved cycle life

Clarity in your GC syringe

Syringes are provided with a clear, easy-to-read black scale, which aids in consistent delivery of samples for manual syringes and easy identification of installed autosampler syringes.

Traceability in your GC syringe

Each Thermo Scientific SMART syringe contains an ID chip which communicates with the Thermo Scientific™ TriPlus™ RSH SMART Autosampler. Important parameters such as part number, lot number, usage parameters, ranges, and history for each SMART syringe are available through Thermo Scientific™ Chromeleon™ Chromatography Data System (CDS) software records in the audit trail log file.

Accuracy in your GC syringe

The enhanced design of the syringe has eliminated areas where the sample can become trapped and potentially cause carry-over:

- Closer fit between the plunger tip and PTFE insert at the zero position
- Tighter fit between PTFE insert and glass barrel
- Improved fixed needle attachment

In addition, the reduction in adhesive from the fluid path enhances durability and reduces the risk of sample interaction with the adhesive.

GC SMART syringes for TriPlus RSH SMART autosampler

| Thermo Scientific™ SMART Syringes for liquid syringe tool 1R77010-1007 or D7/57 | | | | | | |
|---|--------------------|-------|-------------|-----------|--|-----------------------------|
| Syringe volume (µL) | Needle length (mm) | Gauge | Needle type | Gas tight | For use with | Cat. no. |
| 0.5 | 57 | 23 | Cone | No | Microvolume injections of highly concentrated samples or Fast GC applications with narrow bore columns | 365A0241-SM |
| 1 | 57 | 23 | Cone | No | Microvolume injections of highly concentrated samples or Fast GC applications with narrow bore columns | 365B0251-SM |
| 5 | 57 | 23s | Cone | No | PTV all injection modes, or SSL all injection modes, or injector with Merlin adaptor | 365C0231-SM |
| 5 | 57 | 26s | Cone | No | PTV all injection modes, or SSL all injection modes | 365C0251-SM |
| 10 | 57 | 23s | Cone | No | PTV all injection modes, or SSL all injection modes, or injector with Merlin adaptor | 365D0271-SM |
| 10 | 57 | 26s | Cone | No | PTV all injection modes, or SSL all injection modes | 365D0291-SM |
| 10 | 57 | 26s | Bevel | No | PTV injection with empty straight liner (requires PTV liner cap PN 29004014), suggested for polar solvents | 365D0391-SM |
| 10 | 57 | 23s | Cone | Yes | PTV all injection modes, or SSL all injection modes, or injector with Merlin adaptor. Particularly suitable for volatile solvents or corrosive samples | 365D0311-SM |
| 10 | 57 | 26s | Cone | Yes | PTV all injection modes, or SSL all injection modes. Particularly suitable for volatile solvents or corrosive samples | 365D0331-SM |
| 25 | 57 | 23s | Cone | Yes | PTV all injection modes, or SSL all injection modes, or injector with Merlin adaptor | 365F2441-SM |
| 25 | 57 | 26s | Cone | Yes | PTV all injection modes, or SSL all injection modes | 365F2461-SM |
| 50 | 57 | 23s | Cone | Yes | Large volume splitless with SSL, or PTV, or injector with Merlin adaptor | 365G2311-SM |
| 50 | 57 | 26s | Cone | Yes | Large volume splitless with SSL or PTV | 365G2331-SM |
| 100 | 57 | 23s | Cone | Yes | Large volume splitless with SSL, or PTV, or injector with Merlin adaptor | 365H2141-SM |
| 100 | 57 | 26s | Cone | Yes | Large volume splitless with SSL or PTV | 365H2161-SM |
| 100 | 57 | 23 | Side hole | Yes | Large volume PTV with and without Merlin adaptor | 365H2181-SM |

Note: SMART syringes are compatible with all TriPlus RSH autosamplers, as well as PAL platforms and AOC-6000 Series autosamplers



Fully-traceable GC injections

with Thermo Scientific SMART consumables for Thermo Scientific™ TriPlus™ RSH SMART Autosampler

GC SMART syringes for TriPlus RSH SMART autosampler continued

| Thermo Scientific™ SMART Syringes for liquid syringe tool 1R77010-1008 or D7/85 | | | | | | |
|---|--------------------|-------|-------------|-----------|--|-----------------------------|
| Syringe volume (µL) | Needle length (mm) | Gauge | Needle type | Gas tight | For use with | Cat. no. |
| 5 | 85 | 23s | Cone | No | SSL on Trace Ultra, TSI, or injector with Merlin adaptor | 365C0221-SM |
| 5 | 85 | 26s | Cone | No | On-column injection, SSL on Trace Ultra, or TSI | 365C0241-SM |
| 10 | 85 | 23s | Cone | No | SSL on Trace Ultra, TSI, or injector with Merlin adaptor | 365D0261-SM |
| 10 | 85 | 26s | Cone | No | On-column injection, SSL on Trace Ultra, or TSI | 365D0281-SM |
| 10 | 85 | 23s | Cone | Yes | SSL on Trace Ultra, TSI, or injector with Merlin adaptor. Particularly suitable for volatile solvents or corrosive samples | 365D0301-SM |
| 10 | 85 | 26s | Cone | Yes | On-column injection, SSL on Trace Ultra, or TSI. Particularly suitable for volatile solvents or corrosive samples | 365D0321-SM |
| 25 | 85 | 26s | Cone | Yes | On-column injection, SSL on Trace Ultra, or TSI | 365F2451-SM |
| 50 | 85 | 26s | Cone | Yes | Large volume on-column injection | 365G2321-SM |
| 100 | 85 | 26s | Cone | Yes | Large volume on-column injection | 365H2151-SM |
| 100 | 85 | 23 | Side hole | Yes | Variable depth, large volume PTV with and without Merlin adaptor | 365H2171-SM |

| Thermo Scientific™ SMART Syringes for liquid syringe tool 1R77010-1009 or D8/57 | | | | | | |
|---|--------------------|-------|-------------|-----------|--|-----------------------------|
| Syringe volume (µL) | Needle length (mm) | Gauge | Needle type | Gas tight | For use with | Cat. no. |
| 250 | 57 | 26 | Cone | Yes | Large volume splitless with SSL without Merlin adaptor | 365I2331-SM |
| 250 | 57 | 23 | Side hole | Yes | Large volume PTV with and without Merlin adaptor | 365I2351-SM |
| 500 | 57 | 26 | Cone | Yes | Large volume splitless with SSL without Merlin adaptor, Sample preparation (i.e., dilutions, calibrations) | 365J2421-SM |
| 500 | 57 | 23 | Side hole | Yes | Large volume PTV with and without Merlin adaptor | 365J2441-SM |
| 1000 | 57 | 22 | LC | Yes | Sample preparation (i.e., dilution, derivatization, liquid-liquid extraction, micro-SPE) | 365K2811-SM |

| Thermo Scientific™ SMART Syringes for liquid syringe tool 1R77010-1010 or D8/85 | | | | | | |
|---|--------------------|-------|-------------|-----------|---|-----------------------------|
| Syringe volume (µL) | Needle length (mm) | Gauge | Needle type | Gas tight | For use with | Cat. no. |
| 250 | 85 | 26 | Cone | Yes | Large volume on-column injection | 365I2321-SM |
| 250 | 85 | 23 | Side hole | Yes | Variable depth large volume PTV with and without Merlin adaptor | 365I2341-SM |
| 500 | 85 | 26 | Cone | Yes | Large volume on-column injection | 365J2411-SM |

| Thermo Scientific™ SMART Syringes for liquid syringe tool 1R77010-1011 or D18/57 | | | | | | |
|--|--------------------|-------|-------------|-----------|--|-----------------------------|
| Syringe volume (µL) | Needle length (mm) | Gauge | Needle type | Gas tight | For use with | Cat. no. |
| 10000 | 57 | 19 | LC | Yes | Sample preparation (i.e., sample dilution, derivatization, liquid-liquid extraction) | 365N2721-SM |

GC SMART syringes for TriPlus RSH SMART autosampler continued

Thermo Scientific™ SMART Syringes for headspace tool 1R77010-1012 or HS1000

| Syringe volume (µL) | Needle length (mm) | Gauge | Needle type | Gas tight | For use with | Cat. no. |
|---------------------|--------------------|-------|-------------|-----------|--------------|-----------------------------|
| 1000 | 65 | 23 | Side hole | Yes | Headspace | 365K2871-SM |

Thermo Scientific™ SMART Syringes for headspace tool 1R77010-1013 or HS2500

| Syringe volume (µL) | Needle length (mm) | Gauge | Needle type | Gas tight | For use with | Cat. no. |
|---------------------|--------------------|-------|-------------|-----------|--------------|-----------------------------|
| 2500 | 65 | 23 | Side hole | Yes | Headspace | 365L2321-SM |

Thermo Scientific™ SMART Syringes for headspace tool 1R77010-1014 or HS5000

| Syringe volume (µL) | Needle length (mm) | Gauge | Needle type | Gas tight | For use with | Cat. no. |
|---------------------|--------------------|-------|-------------|-----------|--------------|-----------------------------|
| 5000 | 65 | 23 | Side hole | Yes | Headspace | 365M2331-SM |



Fully-traceable GC injections
with Thermo Scientific SMART
consumables for TriPlus RSH
SMART autosampler

GC SMART SPME for TriPlus RSH SMART autosampler

| Thermo Scientific™ SMART SPME Arrow Fibers | | | | | |
|---|---------------------|----------------------|------------|-----------------------------|-----------------------------|
| Phase | Outer diameter (mm) | Phase thickness (µm) | Color code | Cat. no. (pack of 1) | Cat. no. (pack of 3) |
| PDMS | 1.1 | 100 | Red | 36SA10P1-SM | 36SA10P3-SM |
| PDMS | 1.5 | 250 | Black | 36SA25P1-SM | 36SA25P3-SM |
| Polyacrylate | 1.1 | 100 | Gray | 36SA10A1-SM | 36SA10A3-SM |
| Carbon WR/PDMS | 1.1 | 120 | Light blue | 36SA12B1-SM | 36SA12B3-SM |
| DVB/PDMS | 1.1 | 120 | Violet | 36SA12E1-SM | 36SA12E3-SM |
| DVB/carbon WR/PDMS | 1.1 | 120 | Dark grey | 36SA11T1-SM | 36SA11T3-SM |
| Collection of five different SMART SPME arrow fibers: PDMS-red, polyacrylate-grey, carbon WR/PDMS-light blue, DVB/PDMS-violet, DVB/carbon WR/PDMS-dark grey | | | | 36SA10M5-SM | |

Notes:

- SMART SPME Arrow fibers are compatible with all TriPlus RSH autosamplers, as well as PAL platforms and AOC-6000 series autosamplers
- For instructions on use, care, and maintenance of SMART SPME Arrow fibers, please refer to the user guide

| Thermo Scientific™ SMART SPME Fibers | | | | | |
|--|---------------------|----------------------|------------|-----------------------------|-----------------------------|
| Phase | Outer diameter (mm) | Phase thickness (µm) | Color code | Cat. no. (pack of 1) | Cat. no. (pack of 3) |
| PDMS | 0.6 | 7 | Green | 36SP01P1-SM | 36SP01P3-SM |
| PDMS | 0.6 | 30 | Golden | 36SP03P1-SM | 36SP03P3-SM |
| PDMS | 0.6 | 100 | Red | 36SP10P1-SM | 36SP10P3-SM |
| Acrylate | 0.6 | 85 | Gray | 36SP08A1-SM | 36SP08A3-SM |
| Carbon WR/PDMS | 0.6 | 95 | Dark blue | 36SP09C1-SM | 36SP09C3-SM |
| DVB/carbon WR/PDMS | 0.6 | 50/30 | Dark grey | 36SP05T1-SM | 36SP05T3-SM |
| DVB/PDMS | 0.6 | 65 | Violet | 36SP06E1-SM | 36SP06E3-SM |
| Collection of five different SMART SPME fibers: PDMS-red, acrylate-grey, carbon WR/PDMS-dark blue, DVB/PDMS-violet, DVB/carbon WR/PDMS-dark grey | | | | 36SP08M5-SM | |

Notes:

- All SMART SPME fibers have a standard length of 10 mm and a 23-gauge needle
- SMART SPME fibers are compatible with all TriPlus RSH autosamplers as well as PAL platforms and AOC-6000 series autosamplers
- For instructions on use, care, and maintenance of SMART SPME fibers, please refer to the user guide



Fully-traceable GC injections
with Thermo Scientific SMART
consumables for TriPlus RSH
SMART autosampler

GC syringes for TriPlus RSH autosampler

Thermo Scientific™ Removable-Needle Syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Type | Quantity | Cat. no. |
|-------------|-------------|-------|-----------|-------|----------|---------------------------|
| 0.5 | 57 | 23 | Cone | Split | 1 each | 365A0241* |
| 1 | 57 | 23 | Cone | Split | 1 each | 365B0251* |

* Also suitable for use with the Thermo Scientific™ TriPlus™ 100LS autosampler

Thermo Scientific™ Fixed-Needle Syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Type | Quantity | Cat. no. |
|-------------|-------------|-------|-----------|--------------------------------------|----------|---------------------------|
| 5 | 85 | 23s | Cone | Merlin valve SSL injector: splitless | 1 each | 365C0221 |
| | 57 | 23s | Cone | SSL, PTV and Merlin adapter | 1 each | 365C0231* |
| | 85 | 26s | Cone | Splitless and OC | 1 each | 365C0241 |
| | 57 | 26s | Cone | SSL and PTV | 1 each | 365C0251* |
| 10 | 85 | 23s | Cone | Merlin valve SSL injector: splitless | 1 each | 365D0261 |
| | 57 | 23s | Cone | SSL, PTV and Merlin adapter | 1 each | 365D0271* |
| | 85 | 26s | Cone | Splitless and OC | 1 each | 365D0281 |
| | 57 | 26s | Cone | SSL and PTV | 1 each | 365D0291* |

* Also suitable for use with the TriPlus 100LS autosampler

GC syringes for TriPlus RSH autosampler continued

Thermo Scientific™ Fixed-Needle, Gas Tight Syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Type | Quantity | Cat. no. |
|-------------|-------------|-------|-----------|---|----------|---------------------------|
| 10 | 85 | 23s | Cone | Merlin valve SSL injector: splitless | 1 each | 365D0301 |
| | 57 | 23s | Cone | SSL, PTV and Merlin adapter, especially suitable for volatile solvents or corrosive samples | 1 each | 365D0311* |
| | 85 | 26s | Cone | Splitless and OC | 1 each | 365D0321 |
| | 57 | 26s | Cone | SSL, PTV and Merlin adapter, especially suitable for volatile solvents or corrosive samples | 1 each | 365D0331* |
| 25 | 57 | 23s | Cone | SSL, PTV and Merlin adapter | 1 each | 365F2441* |
| | 57 | 26s | Cone | SSL and PTV | 1 each | 365F2461* |
| 50 | 57 | 23s | Cone | Large volume injection, SSL | 1 each | 365G2311* |
| | 85 | 26s | Cone | LV OC | 1 each | 365G2321 |
| 100 | 57 | 23s | Cone | Large volume injection, SSL | 1 each | 365H2141* |
| | 85 | 26s | Cone | LV OC | 1 each | 365H2151 |
| | 57 | 26s | Cone | Large volume injection, SSL w/o Merlin adapter | 1 each | 365H2161* |
| | 85 | 23 | Side hole | Variable depth LV PTV (w & w/o Merlin) | 1 each | 365H2171 |
| | 57 | 23 | Side hole | Large volume injection, PTV | 1 each | 365H2181* |
| 250 | 85 | 26 | Cone | LV OC | 1 each | 365I2321 |
| | 57 | 26 | Cone | LV splitless | 1 each | 365I2331 |
| | 85 | 23 | Side hole | Variable depth LV PTV (w & w/o Merlin) | 1 each | 365I2341 |
| | 57 | 23 | Side hole | LV PTV (with or without Merlin valve) | 1 each | 365I2351 |
| 500 | 85 | 26 | Cone | LV OC | 1 each | 365J2411 |
| | 57 | 26 | Cone | Sample preparation, i.e. dilution, derivatization | 1 each | 365J2421 |
| | 57 | 23 | Side hole | LV PTV (with or without Merlin valve) | 1 each | 365J2441 |
| 1000 | 65 | 23 | Side hole | Headspace, up to 115 deg. | 1 each | 365Q2121 |
| | 57 | 22 | LC | Sample preparation, i.e. dilution, derivatization | 1 each | 365K2811 |
| 2500 | 65 | 23 | Side hole | Headspace, up to 115 deg. | 1 each | 365Q2131 |
| | 65 | 23 | Side hole | Headspace, up to 150 deg. | 1 each | 365L2321 |
| 5000 | 65 | 22 | Side hole | Headspace up to 115 deg. | 1 each | 365Q2141 |
| 10000 | 57 | 19 | LC | Sample preparation, i.e. dilution, derivatization | 1 each | 365N2721 |

* Also suitable for use with the TriPlus 100LS autosampler

GC syringes for Thermo Scientific instruments

Thermo Scientific™ Removable-Needle and Replacement-Needle, Gas Tight Syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Type | Instrument compatibility | Quantity | Removable-needle cat. no. | Quantity | Replacement needle cat. no. |
|-------------|-------------|-------|-----------|--------------|----------------------------------|----------|---------------------------|----------|-----------------------------|
| 10 | 75 | 31 | Cone | Manual OC | – | 1 each | 36500520 | 2 pack | 36550046 |
| 50 | 50 | 23 | Cone | – | AIAS 1610 | 1 each | 365G1503 | 5 pack | 36566485 |
| 100 | 50 | 23 | Side hole | See note | AI/AS 1610, TriPlus, AS200/AS800 | 1 each | 36520050 | 2 pack | 36550040 |
| 100 | 50 | 23 | Cone | LV splitless | TriPlus, AS2000, AS200/AS800 | 1 each | 36500495 | 5 pack | 36566485 |
| 250 | 50 | 23 | Side hole | – | TriPlus, AS2000, AS200/AS800 | 1 each | 36520051 | 2 pack | 36550040 |
| 1000 | 50 | 23 | Bevel | – | AS200/AS800 | 1 each | 365K3041 | 5 pack | 365RN235 |

Syringe PN 365G1503 is to be used with AI/AS 1610 Autosampler for SSL or PTV with the needle 36550040. Syringe PN 36520050 is to be used with AI/AS 1610 Autosampler for PTV or SSL with the needle 36566485.

Thermo Scientific™ Removable-Needle and Replacement-Needle Syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Type | Instrument compatibility | Quantity | Removable-needle cat. no. | Quantity | Replacement needle cat. no. |
|-------------|-------------|-------|-----------|--------------|-----------------------------|----------|---------------------------|----------|-----------------------------|
| 10 | 50 | 26 | Cone | – | AS3000, AS2000 | 1 each | 365D1841 | 2 pack | 365RN362 |
| 10 | 50 | 23 | Cone | – | AS3000, AS2000, AS200/AS800 | 1 each | 365D3731 | 2 pack | 365RN372 |
| 50 | 50 | 23 | Cone | LV splitless | AS2000 | 1 each | 36503015 | 5 pack | 36566485 |

Syringe PN 36520051 is to be used when performing PTV/LVI injections with a dedicated liner for thermally labile compounds (liner PN 45352060). Compatible with Merlin MicroSeal device installed on best programmable temperature vaporizer (PTV) inlet and with AS2000 and TriPlus autosamplers for liquids.

GC syringes for Thermo Scientific instruments continued

Thermo Scientific™ Fixed-Needle, Gas Tight Syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Type | Instrument compatibility | Quantity | Cat. no. |
|-------------|-------------|-------|-----------|------|--------------------------|----------|--------------------------|
| 10 | 50 | 23 | Cone | — | AS2000 | 1 each | 365D3741 |
| 100 | 50 | 25 | Bevel | — | AS200/AS800 | 1 each | 365H2321 |
| 250 | 50 | 25 | Bevel | — | AS200/AS800 | 1 each | 365I2561 |

Thermo Scientific fixed-needle syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Type | Instrument compatibility | Quantity | Cat. no. |
|-------------|-------------|-------|-----------|----------------------------------|---|----------|--------------------------|
| 5 | 50 | 26 | Cone | Split/PTV | TriPlus | 1 each | 36504047 |
| 5 | 50 | 23 | Cone | — | AS3000, AS2000, AI/AS 1610, AI/AS 1310 | 1 each | 365C3701 |
| 5 | 50 | 26 | Cone | Split/PTV | AI/AS 1610, AI/AS 1310 | 1 each | 36500505 |
| 10 | 50 | 26 | Cone | — | AS3000, AS200, AS200/AS800 | 1 each | 365D3711 |
| 10 | 50 | 26 | Cone | — | AS300, AS2000, AS200/AS800 | 6 pack | 365D1856 |
| 10 | 50 | 25 | Cone | Split/PTV | TriPlus, AS3000, AI/AS 1610, AI/AS 1310 | 1 each | 36500525 |
| 10 | 50 | 23 | Cone | PTV/SSL split | AI/AS 1310, TriPlus, AS300, AI/AS 1610, AS200/AS800 | 1 each | 36520060 |
| 10 | 80 | 23 | Cone | Merlin valve SSL splitless | TriPlus, AS2000 | 1 each | 36520061 |
| 10 | 50 | 23-26 | Cone | OC in PTV merlin valve | TriPlus, AS2000, AI/AS 1610 | 1 each | 36500580 |
| 10 | 80 | 26 | Cone | OC and splitless | TriPlus, AS2000 | 1 each | 36502019 |

Thermo Scientific™ Plunger-In-Needle Syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Type | Instrument compatibility | Quantity | Cat. no. |
|-------------|-------------|-------|-----------|---------------------|--------------------------|----------|--------------------------|
| 0.5 | 50 | 23 | Cone | Split/PTV | AI/AS 1310, AI/AS 1610 | 1 each | 36504045 |
| 0.5 | 80 | 26 | Cone | Splitless and OC | TriPlus | 1 each | 36504046 |

GC syringes for Agilent™ instruments

Thermo Scientific removable-needle syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Quantity | Cat. no. |
|-------------|-------------|-------|-----------|----------|--------------------------|
| 10 | 42 | 23 | Cone | 1 pack | 365D1611 |

Thermo Scientific fixed-needle, gas tight syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Quantity | Cat. no. |
|-------------|-------------|-------|-----------|----------|--------------------------|
| 10 | 42 | 23-26 | Cone | 1 each | 365D0621 |
| | | 23-26 | Cone | 6 pack | 365D0626 |

Thermo Scientific fixed-needle syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Quantity | Cat. no. |
|-------------|-------------|--------|-----------|----------|--------------------------|
| 5 | 42 | 23 | Cone | 1 each | 365C0951 |
| | | 23 | Cone | 6 pack | 365C0956 |
| | | 23-26s | Cone | 1 each | 365C0971 |
| | | 23-26s | Cone | 6 pack | 365C0976 |
| 10 | 42 | 23 | Cone | 1 each | 365D1571 |
| | | 23 | Cone | 6 pack | 365D1576 |
| | | 23-26s | Cone | 1 each | 365D1621 |
| | | 23-26s | Cone | 6 pack | 365D1636 |

Thermo Scientific™ Fixed-needle, Super-Elastic Plunger Syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Quantity | Cat. no. |
|-------------|-------------|--------|-----------|----------|----------|
| 10 | 42 | 23-26s | Cone | 1 each | 365D5416 |

GC syringes for Shimadzu™ instruments

Thermo Scientific removable-needle syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Quantity | Cat. no. |
|-------------|-------------|-------|-----------|----------|--------------------------|
| 5 | 42 | 26s | Cone | 1 each | 365C6610 |
| 10 | 42 | 26s | Cone | 1 each | 365D6610 |
| | | 23s | Cone | 1 each | 365D6620 |

GC syringes for CTC instruments

Thermo Scientific™ Removable-Needle and Replacement-Needle Syringes for GC Syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Quantity | Removable-needles cat. no. | Quantity | Replacement-needle cat. no. |
|-------------|-------------|-------|-----------|----------|----------------------------|----------|-----------------------------|
| 10 | 50 | 23 | Cone | 1 each | 365D3731 | 2 pack | 365RN372 |
| | | 26 | Cone | 1 each | 365D1841 | 2 pack | 365RN362 |

Thermo Scientific fixed-needle, gas tight syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Quantity | Cat. no. |
|-------------|-------------|-------|-----------|----------|--------------------------|
| 10 | 50 | 26 | Cone | 6 pack | 365D2976 |
| | | 26 | Cone | 1 each | 365D2977 |
| | | 23 | Cone | 1 each | 365D3741 |
| 25 | 50 | 23 | Cone | 1 each | 365F3761 |
| 100 | 50 | 23 | Cone | 1 each | 365H3771 |
| 250 | 50 | 26 | Cone | 1 each | 365H6700 |
| 1000 | 50 | 26 | Side hole | 1 each | 365K8135 |
| 2500 | 50 | 26 | Side hole | 1 each | 365L8635 |

Thermo Scientific fixed-needle syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Quantity | Cat. no. |
|-------------|-------------|-------|-----------|----------|--------------------------|
| 5 | 50 | 23 | Cone | 1 each | 365C3701 |
| | | 26 | Cone | 1 each | 36500505 |
| 10 | 50 | 26 | Cone | 1 each | 365D3711 |
| | | 23 | Cone | 1 each | 36520060 |
| | | 26 | Cone | 6 pack | 365D1856 |
| | | 23 | Cone | 6 pack | 365D2971 |

Manual GC syringes

Thermo Scientific™ Removable-Needle and Replacement-Needle, Gas Tight Syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Quantity | Cat. no. | Quantity | Replacement-needle cat. no. |
|-------------|-------------|-------|-----------|----------|--------------------------|----------|-----------------------------|
| 10 | 50 | 26s | Bevel | 1 each | 365D0811 | 5 pack | 365RN215 |
| 25 | 50 | 25 | Bevel | 1 each | 365F1931 | 5 pack | 365RN225 |
| 50 | 50 | 22s | Blunt end | 1 each | 365GLG41 | 5 pack | – |
| 500 | 50 | 25 | Bevel | 1 each | 365J2881 | 5 pack | 365RN225 |
| | | 22s | Blunt end | 1 each | 365JLG71 | 5 pack | – |
| 1000 | 50 | 23 | Bevel | 1 each | 365K3041 | 5 pack | 365RN235 |
| 5000 | 50 | 22 | Bevel | 1 each | 365M5212 | – | – |
| 10000 | 50 | 22 | Bevel | 1 each | 365N5214 | – | – |

Thermo Scientific removable-needle syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Quantity | Cat. no. | Quantity | Replacement-needle cat. No |
|-------------|-------------|-------|-----------|----------|--------------------------|----------|----------------------------|
| 10 | 50 | 26 | Bevel | 1 each | 365D1171 | 5 pack | 365RN215 |
| 25 | 50 | 25 | Bevel | 1 each | 365F1901 | 5 pack | 365RN225 |
| 50 | 50 | 25 | Bevel | 1 each | 365G2091 | 5 pack | 365RN225 |

Thermo Scientific fixed-needle, gas-tight syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Quantity | Cat. no. |
|-------------|-------------|-------|-----------|----------|--------------------------|
| 10 | 50 | 26 | Bevel | 1 each | 365D4433 |
| | | 26s | Blunt end | 1 each | 365D6314 |
| 25 | 50 | 22s | Blunt end | 1 each | 365F6315 |
| 50 | 50 | 25 | Bevel | 1 each | 365G2111 |
| | | 22s | Blunt end | 1 each | 365G6316 |
| 100 | 50 | 25 | Bevel | 1 each | 365H2321 |
| | | 22s | Blunt end | 1 each | 365H6317 |
| 250 | 50 | 25 | Bevel | 1 each | 365I2561 |
| 500 | 50 | 25 | Bevel | 1 each | 365J2831 |
| | | 22s | Blunt end | 1 each | 365J6319 |
| 1000 | 50 | 22 | Bevel | 1 each | 365K3051 |

Manual GC syringes continued

Thermo Scientific fixed-needle syringes

| Volume (µL) | Length (mm) | Gauge | Tip style | Quantity | Cat. no. |
|-------------|-------------|-------|-----------|----------|--------------------------|
| 5 | 50 | 26 | Bevel | 1 each | 365C0741 |
| 10 | 50 | 26 | Bevel | 1 each | 365D1091 |
| | | 26 | Bevel | 6 pack | 365D1096 |
| 25 | 50 | 25 | Bevel | 1 each | 365F1891 |
| 100 | 50 | 25 | Bevel | 1 each | 365H2291 |

Thermo Scientific™ PTFE Luer-Lok, Gas Tight Syringes

| Volume (µL) | Quantity | Cat. no. | Quantity | Needle cat. no. |
|-------------|----------|--------------------------|----------|--------------------------|
| 25 | 1 each | 365F7655 | 2 pack | 365RNL22 |
| 50 | 1 each | 365G7656 | 2 pack | 365RNL22 |
| 100 | 1 each | 365H7657 | 2 pack | 365RNL22 |
| 250 | 1 each | 365I7658 | 2 pack | 365RNL22 |
| 500 | 1 each | 365J7659 | 2 pack | 365RNL22 |
| 1000 | 1 each | 365KL531 | 2 pack | 365RNL22 |

Please note that the Luer-Lok syringes do not come with a needle and therefore the needle part number needs to be ordered separately

Thermo Scientific™ Luer-Tip, Gas Tight Syringes

| Volume (µL) | Quantity | Cat. no. | Quantity | Needle cat. no. |
|-------------|----------|--------------------------|----------|--------------------------|
| 100 | 1 each | 365H7814 | 2 pack | 365RNL22 |
| 1000 | 1 each | 365K7817 | 2 pack | 365RNL22 |
| 2500 | 1 each | 365L7818 | 2 pack | 365RNL22 |
| 5000 | 1 each | 365M7819 | 2 pack | 365RNL22 |
| 10000 | 1 each | 365N7820 | 2 pack | 365RNL22 |

