

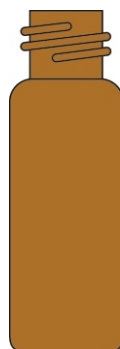
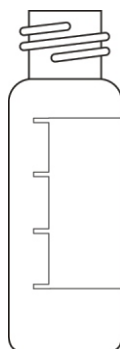
Werner Reifferscheidt GmbH

Consumables for Shimadzu



SCREW NECK ND13**Consumables for****Shimadzu****SCREW NECK ND10**

LC-2010,
(SIL-2AS),
SIL-6A, SIL-6B, SIL-7A,
SIL-8A, SIL-9A, SIL-10A
(SIL-10AF, SIL-10AP, SIL-10Ai,
SIL-10ADvp, SIL-10AxL)
SIL-HT

**Screw Neck ND13 (also for SIL-2AS)**1 : 1
Drawings

+

**LPP Art.-No.** 13 09 0222

13 09 1335

13 09 0280

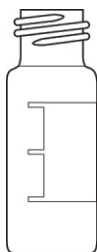
13 09 1336

40 09 0146

50 13 0147

See Shimadzu
Art.-No.

LPP Art.-Description	4ml Screw Neck Vial, 45 x 14.75mm, clear glass, 1 st hydrol. class	4ml Screw Neck Vial, 45 x 14.75mm, clear glass, 1 st hydrol. Class, label + filling lines	4ml Screw Neck Vial, 45 x 14.75mm, amber glass, 1 st hydrol. class	4ml Screw Neck Vial, 45 x 14.75mm, amber glass, 1 st hydrol. Class, label + filling lines	0.3ml Micro-Insert, 40 x 6mm, clear glass, 15mm top	Spring 50 x 7.5mm For Micro-Insert 40 09 0146
LPP Packaging Unit	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	10 x 100 pieces per PP-Box	100 pieces per PE-Bag

**Screw Neck ND10
(wide opening)****Crimp Neck ND8****Shell Vials, 1ml**1 : 1
Drawings**LPP Art.-No.**

10 09 0743

10 09 1196

10 09 1197

08 09 0276

08 09 0606

08 14 0513

08 14 0595

05 09 0706

See Shimadzu

LPP Art.-Description	1.5ml Screw Neck Vial ND10, 32 x 11.6mm, clear glass, 1 st hydrol. class, wide opening	1.5ml Screw Neck Vial ND10, 32 x 11.6mm, clear glass, 1 st hydrol. class, wide opening, label + filling lines	1.5ml Screw Neck Vial ND10, 32 x 11.6mm, amber glass, 1 st hydrol. class, wide opening, label + filling lines	0.3ml Crimp Neck Micro-Vial ND8, 31.5 x 5.5mm, clear glass, 1 st hydrol. Class, round bottom	0.3ml Crimp Neck Micro-Vial ND8, 31.5 x 5.5mm, clear glass, 1 st hydrol. Class, conical	1.0ml Shell Vial, 40 x 8mm, clear glass, 8mm PE-Plug, transparent, insertion barrier	1.0ml Shell Vial, 40 x 8mm, amber glass, 8mm PE-Plug, transparent, insertion barrier	0.1ml Micro-Insert, 34 x 5mm, clear glass, 13mm top
LPP Packaging Unit	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	10 x 100 pieces per PP-Box	10 x 100 pieces per PP-Box	100 pieces per PP-Box (Vials) 100 pieces per PE-Bag (Plugs)	100 pieces per PE-Bag (Plugs)	10 x 100 pieces per PP-Box

LC + LC/MS

SHORT THREAD ND9

Consumables for

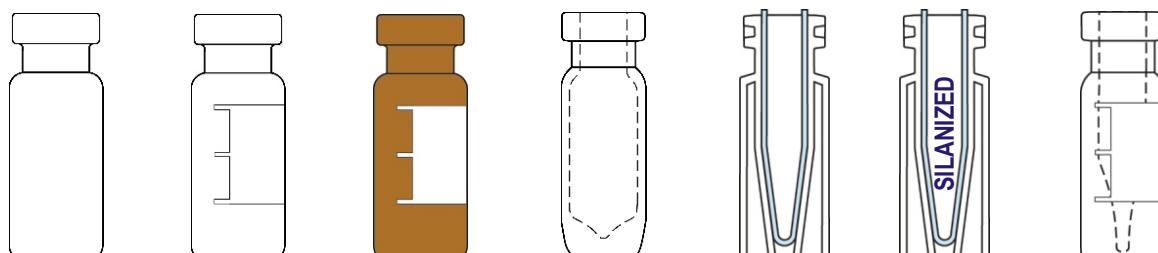
CRIMP NECK ND11

Shimadzu

LC-2010,
(SIL-2AS),
SIL-6A, SIL-6B, SIL-7A,
SIL-8A, SIL-9A, SIL-10A
(SIL-10AF, SIL-10AP, SIL-10Ai,
SIL-10ADvp, SIL-10AxL)
SIL-HT

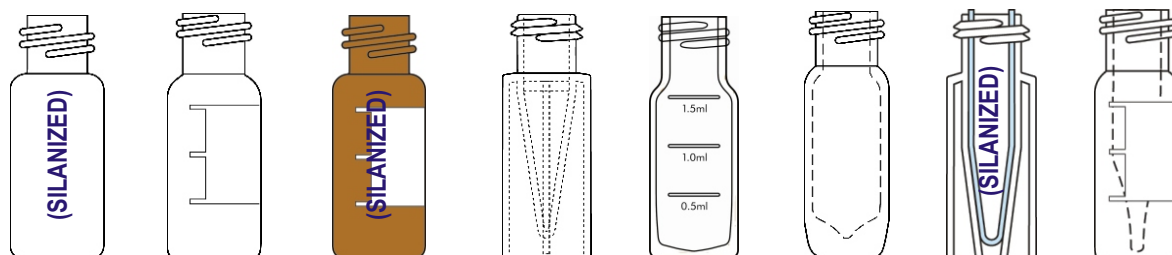


Crimp Neck ND11 (wide opening)

1 : 1
Drawings

LPP Art.-No.	11 09 0356	11 09 0476	11 09 0477	11 09 0619	11 14 1190	11 14 1266	11 09 0921
See Shimadzu Art.-No.							
LPP Art.-Description	1.5ml Crimp Neck Vial, 32 x 11.6mm, clear glass, 1 st hydrol. class, wide opening	1.5ml Crimp Neck Vial, 32 x 11.6mm, clear glass, 1 st hydrol. class, wide opening, label + filling lines	1.5ml Crimp Neck Vial, 32 x 11.6mm, amber glass, 1 st hydrol. class, wide opening, label + filling lines	1.1ml Microliter Crimp Neck Vial ND11, 32 x 11.6mm, clear glass, 1 st hydrol. class	Top Sert™ TPX Snap Ring Vial ND11, 32 x 11.6mm, with integrated 0.2ml Glass Micro-Insert	Top Sert™ TPX Snap Ring Vial ND11, 32 x 11.6mm, with integrated SILANIZED 0.2ml Glass Micro-Insert	Crimp Neck Vial with integrated 0.2ml Micro-Insert, clear glass, 1 st hydrol. class, label + filling lines
LPP Packaging Unit	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box

Short Thread ND9 (wide opening)

1 : 1
Drawings

LPP Art.-No.	11 09 0500 (11 09 1241)	11 09 0519	11 09 0520 (11 09 1242)	11 19 0932 (11 19 1216)	11 19 1205 (11 19 1516)	11 09 0620	11 14 1189 (11 14 1265)	11 09 0999
See Shimadzu Art.-No.								
LPP Art.-Description	1.5ml Short Thread Vial, 32 x 11.6mm, clear glass, 1 st hydrol. class, wide opening (Silanized)	1.5ml Short Thread Vial, 32 x 11.6mm, clear glass, 1 st hydrol. class, wide opening, label + filling lines	1.5ml Short Thread Vial, 32 x 11.6mm, amber glass, 1 st hydrol. class, wide opening, label + filling lines (Silanized)	0.3ml Polypropylene Short Thread Micro-Vial, 32 x 11.6mm, transparent (amber)	1.5ml Polypropylene Short Thread Vial, 32 x 11.6mm, transparent, with filling lines (amber)	1.1ml Microliter Short Thread Vial ND9, 32 x 11.6mm, clear glass, 1 st hydrol. class	Top Sert™ TPX Short Thread Vial ND9, 32 x 11.6mm, with integrated 0.2ml Glass Micro-Insert (Silanized)	Short Thread Vial with integrated 0.2ml Micro-Insert, clear glass, 1 st hydrol. class, label + filling lines
LPP Packaging Unit	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PE-Bag	100 pieces per PE-Bag	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box

LC + LC/MS

SNAP RING ND11

Consumables for

Shimadzu

MICRO-INSERTS



LC-2010,
(SIL-2AS),
SIL-6A, SIL-6B, SIL-7A,
SIL-8A, SIL-9A, SIL-10A
(SIL-10AF, SIL-10AP, SIL-10Ai,
SIL-10ADvp, SIL-10AxL)
SIL-HT



Snap Ring ND11							
1:1 Drawings							
LPP Art.-No.	11 09 0627	11 09 0644	11 09 0645	11 14 1190	11 14 1266	11 19 0933	11 19 1217
See Shimadzu Art.-No.							
LPP Art.-Description	1,5ml Snap Ring Vial, 32 x 11.6mm, clear glass, 1 st hydrol. class, wide opening	1,5ml Snap Ring Vial, 32 x 11.6mm, clear glass, 1 st hydrol. class, wide opening, label + filling lines	1,5ml Snap Ring Vial, 32 x 11.6mm, amber glass, 1 st hydrol. class, wide opening, label + filling lines	TopSert™ TPX Snap Ring Vial ND11, 32 x 11.6mm, with integrated 0.2ml Glass Micro-Insert	TopSert™ TPX Snap Ring Vial ND11, 32 x 11.6mm, with integrated SILANIZED 0.2ml Glass Micro-Insert	0.3ml Polypropylene Snap Ring Micro-Vial, 32 x 11.6mm, transparent	0.3ml Polypropylene Snap Ring Micro-Vial, 32 x 11.6mm, amber
LPP Packaging Unit	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PE-Bag	100 pieces per PE-Bag

MICRO-INSERTS FOR WIDE OPENING (Screw Neck ND10, Short Thread ND9, Crimp Neck ND11, Snap Ring ND11)

1:1 Drawings					
LPP Art.-No.	06 09 0357	06 09 0669	06 09 0866	06 09 0865	06 09 1240
See Shimadzu Art.-No.					
LPP Art.-Description	0.1ml Micro-Insert, 31 x 6mm, clear glass, 15mm top	0.1ml Micro-Insert, 31 x 6mm, clear glass, 12mm top	0.2ml Micro-Insert, 31 x 6mm, clear glass, flat bottom	0.1ml Micro-Insert, 28 x 6mm, clear glass, with assembled plastic spring	0.1ml Micro-Insert, 31 x 6mm, clear glass, 15mm top SILANIZED
LPP Packaging Unit	10 x 100 pieces per PP-Box	10 x 100 pieces per PP-Box	10 x 100 pieces per PP-Box	10 x 100 pieces per PP-Box	10 x 100 pieces per PP-Box

Vial Racks

LPP Art.-No.	12 21 1001
See Shimadzu	
LPP Art.-Description	Vial Rack, Acrylic, (173 x 95 x 20mm), 50 cavities with a diameter of 12mm
LPP Packaging Unit	1 piece



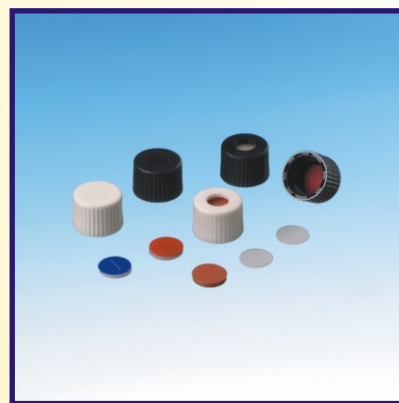
Crimpers

LPP Art.-No.	08 06 0005	11 06 0006	11 07 0002
See Shimadzu			
LPP Art.-Description	8mm Crimper	11mm Crimper	11mm Decapper
LPP Packaging Unit	1 piece per PP-Box	1 piece per PP-Box	1 piece per PP-Box

Consumables for

Shimadzu

LC-2010,
(SIL-2AS),
SIL-6A, SIL-6B, SIL-7A,
SIL-8A, SIL-9A, SIL-10A
(SIL-10AF, SIL-10AP, SIL-10Ai,
SIL-10ADVP, SIL-10AxL)
SIL-HT



Seals for Screw Neck ND13 (with assembled Septum)

13 15 0456	13mm PP Screw Cap, black, centre hole; Natural Rubber red-orange/TEF transp., 55° shore A, 1.3mm
13 15 0887	13mm PP Screw Cap, black, centre hole; Silicone darkblue/PTFE white, 45° shore A, 1.3mm
13 15 0815	13mm PP Screw Cap, black, centre hole; Silicone cream/PTFE red, 55° shore A, 1.5mm
13 15 1293	13mm PP Screw Cap, black, centre hole; Silicone white/PTFE blue, 60° shore A, 1.5mm, cross-slitted
13 15 0292	13mm PP Screw Cap, black, centre hole; PTFE red/Silicone white/PTFE red, 45° shore A, 1.0mm
13 08 0166	13mm PP Screw Cap, black, centre hole;
12 02 0168	12mm Septa: PTFE virginal, 53° shore D, 0.25mm Further 13mm Srew Seals with different Septa resp. with closed top caps are available! Packaging Unit: 100 pieces per PE-Bag (Septas: 1000 pieces per PE-Bag)

Seals for Screw Neck ND10 (with assembled Septa)

10 15 1256	10mm PP Screw Cap black, centre hole; Natural Rubber red-orange/TEF transp., 55° shore A, 1.3mm
10 15 0743	10mm PP Screw Cap black, centre hole; Silicone white/PTFE beige, 45° shore A, 1.5mm
10 15 1257	10mm PP Screw Cap black, centre hole; UltraClean Silicone white/PTFE red, 35° shore A, 1.3mm
10 15 1328	10mm PP Screw Cap black, centre hole; Silicone white/PTFE blue, 60° shore A, 1.5mm, slitted
10 15 1258	10mm PP Screw Cap black, centre hole; PTFE red/Silicone white/PTFE red, 45° shore A, 1.0mm
10 08 0742	10mm PP Screw Cap black, centre hole
10 02 0646	10mm Septa: PTFE virginal, 53° shore D, 0.25mm Further 10mm Screw Seals with different Septa are available! Packaging Unit: 100 pieces per PE-Bag (Septas: 1000 pieces per PE-Bag)

Seals for Crimp Neck ND11 (with assembled Septa)

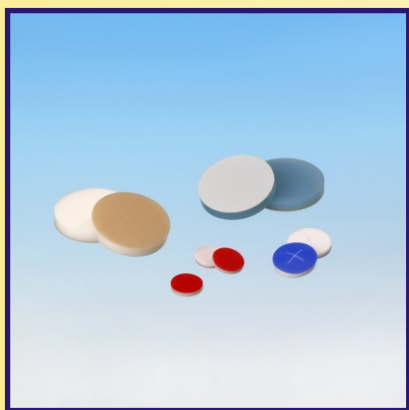
11 03 0300	11mm Alu. Crimp Cap, clear lacquered, centre hole; Natural Rubber red-orange/Butyl red/TEF transp., 45° shore A, 1.0mm
11 03 0885	11mm Alu. Crimp Cap, clear lacquered, centre hole; Silicone dark blue/PTFE white, 45° shore A, 1.3mm
11 03 0588	11mm Alu. Crimp Cap, clear lacquered, centre hole; Silicone blue transparent/PTFE white, 35° shore A, 1.3mm
11 03 0247	11mm Alu. Crimp Cap, clear lacquered, centre hole; UltraClean Silicone white/PTFE red, 35° shore A, 1.3mm
11 03 0464	11mm Alu. Crimp Cap, clear lacquered, centre hole; Silicone white/PTFE blue, 60° shore A, 1.5mm cross-slitted
11 03 0196	11mm Alu. Crimp Cap, clear lacquered, centre hole; PTFE red/Silicone white/PTFE red, 45° shore A, 1.0mm
11 03 0339	11mm Alu. Crimp Cap, clear lacquered, centre hole, PTFE virginal, 53° shore D, 0.25mm with roll groove; Further 11mm Aluminium Crimp Seals with different Septa or with Crimp Caps in different colours are available! Packaging Unit: 100 pieces per PE-Bag

LC + LC/MS

Consumables for

Shimadzu

LC-2010,
(SIL-2AS),
SIL-6A, SIL-6B, SIL-7A,
SIL-8A, SIL-9A, SIL-10A
(SIL-10AF, SIL-10AP, SIL-10Ai,
SIL-10ADVP, SIL-10AxL)
SIL-HT



Short Thread Seals ND9 (with assembled Septa)

09 15 0982	9mm PP Short Thread Cap, blue, centre hole;	PTFE virginal , 53° shore D, 0.25mm
09 15 0867	9mm PP Short Thread Cap, blue, centre hole;	Natural Rubber red-orange/TEF transp., 55° shore A, 1.0mm
09 15 1176	9mm PP Short Thread Cap, red, centre hole;;	Natural Rubber red-orange/TEF transp., 55° shore A, 1.0mm
09 15 1356	9mm PP Short Thread Cap, green, centre hole;	Natural Rubber red-orange/TEF transp., 55° shore A, 1.0mm
09 15 0838	9mm PP Short Thread Cap, blue, centre hole;	UltraClean Silicone white/PTFE red, 55° shore A, 1.0mm
09 15 1178	9mm PP Short Thread Cap, red, centre hole;	UltraClean Silicone white/PTFE red, 55° shore A, 1.0mm
09 15 1332	9mm PP Short Thread Cap, green, centre hole;	UltraClean Silicone white/PTFE red, 55° shore A, 1.0mm
09 15 0868	9mm PP Short Thread Cap, blue, centre hole;	PTFE red/Silicone white/PTFE red, 45° shore A, 1.0mm
09 15 1177	9mm PP Short Thread Cap, red, centre hole;	PTFE redt/Silicone white/PTFE red, 45° shore A, 1.0mm
09 15 1485	9mm PP Short Thread Cap, green, centre hole;	PTFE red/Silicone white/PTFE red, 45° shore A, 1.0mm
09 15 0869	9mm PP Short Thread Cap, blue, centre hole;	Silicone white/PTFE blue, with slit, 60° shore A, 1.0mm
09 15 1179	9mm PP Short Thread Cap, red, centre hole;	Silicone white/PTFE blue, with slit, 60° shore A, 1.0mm
09 15 1.....	9mm PP Short Thread Cap, green, centre hole;	Silicone white/PTFE blue, with slit, 60° shore A, 1.0mm
09 04 1220	9mm UltraBond™ Seal: PP Short Thread, black, centre hole;	Silicon white/PTFE red, 35° shore A, 1.3mm

Further 9mm Short Thread Seals with different Septa resp. with red, transparent, blue, green or yellow caps are available!
Packaging Unit: 100 pieces per PE-Bag

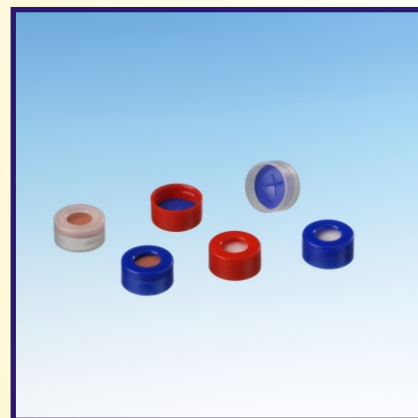
LC + LC/MS



Consumables for

Shimadzu

LC-2010,
(SIL-2AS),
SIL-6A, SIL-6B, SIL-7A,
SIL-8A, SIL-9A, SIL-10A
(SIL-10AF, SIL-10AP, SIL-10Ai,
SIL-10ADVP, SIL-10AxL)
SIL-HT



Snap Ring Seals ND11 (with assembled Septa)

11 15 0635	11mm PE Snap Ring Cap, transp., centre hole; Natural Rubber red-orange/TEF transp., 55° shore A, 1.0mm
11 15 1267	11mm PE Snap Ring Cap, blue, centre hole; Natural Rubber red-orange/TEF transp., 55° shore A, 1.0mm
11 15 1323	11mm PE Snap Ring Cap, red, centre hole; Natural Rubber red-orange/TEF transp., 55° shore A, 1.0mm
11 15 0637	11mm PE Snap Ring Cap, transp., centre hole; UltraClean Silicone white/PTFE red, 35° shore A, 1.3mm
11 15 1151	11mm PE Snap Ring Cap, blue, centre hole; UltraClean Silicone white/PTFE red, 35° shore A, 1.3mm
11 15 1325	11mm PE Snap Ring Cap, red, centre hole; UltraClean Silicone white/PTFE red, 35° shore A, 1.3mm
11 15 0636	11mm PE Snap Ring Cap, transp., centre hole; PTFE red/Silicone white/PTFE red, 45° shore A, 1.0mm
11 15 1268	11mm PE Snap Ring Cap, blue, centre hole; PTFE red/Silicone white/PTFE red, 45° shore A, 1.0mm
11 15 1324	11mm PE Snap Ring Cap, red, centre hole; PTFE red/Silicone white/PTFE red, 45° shore A, 1.0mm
11 15 0650	11mm PE Snap Ring Cap, transp., centre hole; Silicone white/PTFE blue, cross-slitted, 60° shore A, 1.0mm
11 15 1269	11mm PE Snap Ring Cap, blue, centre hole; Silicone white/PTFE blue, cross-slitted, 60° shore A, 1.0mm
11 15 1326	11mm PE Snap Ring Cap, red, centre hole; Silicone white/PTFE blue, cross-slitted, 60° shore A, 1.0mm
Further 11mm Snap Ring Seals with different Septa resp. with green or yellow Caps are available! Packaging Unit: 100 pieces per PE-Bag	

Seals for Crimp Neck ND8 (with assembled Septa)

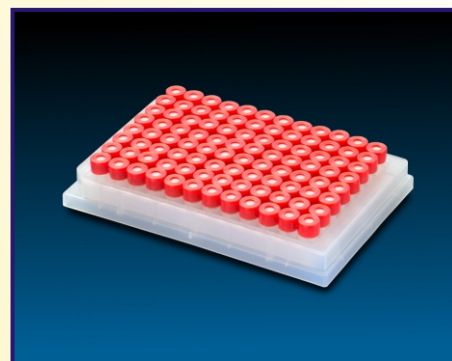
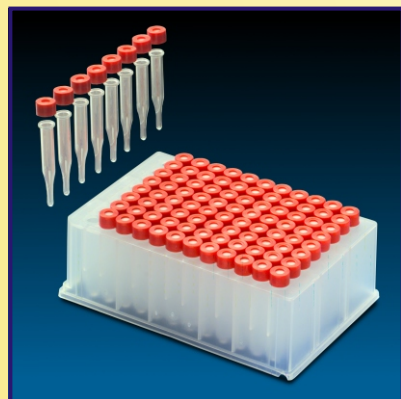
08 03 0884	8mm Alu. Crimp Cap, clear lacq., centre hole; Silicone dark blue/PTFE white, 45° shore A, 1.3mm
08 03 0249	8mm Alu. Crimp Cap, clear lacq., centre hole; UltraClean Silicone white/PTFE red, 35° shore A, 1.3mm
08 03 1156	8mm Alu. Crimp Cap, clear lacq., centre hole; Silicone white/PTFE red, 35° shore A, 1.3mm, slitted
08 03 0113	8mm Alu. Crimp Cap, clear lacq., centre hole; PTFE red/Silicone white/PTFE red, 45° shore A, 1.0mm
Further 8mm Crimp Seals with different Septa are available! Packaging Unit: 100 pieces per PE-Bag	

LC + LC/MS

Consumables for

Shimadzu

SIL-HT



96 Position Blocks for SIL-HT

LPP Art.-No.	08 05 0944	08 05 0890	08 14 0876	08 14 0889	08 09 0875	08 09 0888	09 15 0763
See Shimadzu Art.-No.							
LPP Art.-Description	Microtiter-Plate "riplate", Polypropylene, 96 Positions (Ritter);	DW-Block "riplate", Polypropylene, 96 Positions (Ritter);	0.1ml MT-Micro-Insert, 15.5 x 6mm, clear glass, flat bottom, with assembled 9mm PE-Cap, 5.9mm high, red, Silicone white/PTFE red, 35° shore A, 1.9mm, slitted	0.35ml DW-Micro-Insert, 42.5 x 6mm, clear glass, 17mm top, with assembled 9mm PE-Cap, 5.9mm high, red, Silicone white/PTFE red, 35° shore A, 1.9mm, slitted	0.1ml MT-Micro-Insert, 15.5 x 6mm, clear glass, flat bottom,	0.35ml DW-Micro-Insert, 42.5 x 6mm, clear glass, 17mm top	9mm PE-Cap, 5.9mm high, red, Silicone white/PTFE red, 35° shore A, 1.9mm, slitted
LPP Packaging Unit			10 x 96 pieces per PP-Box	10 x 96 pieces per PP-Box	10 x 96 pieces per PP-Box	10 x 96 pieces per PP-Box	96 pieces per PE-Bag

Other Services



Upon request we can also supply pre-sealed vials!



Upon request we can also supply vials with a barcode label!



Any combination of 1.5ml or 4ml Vials with appropriate Seals of your choice can be supplied as 2in1 KIT!

Special *La-Pha-Pack* 2in1 KITs for SHIMADZU

SCREW NECK ND10			SCREW NECK ND13		
Article No.		Vial + Seal	Article No.		Vial + Seal/Cap + Liner
2in1 KIT			2in1 KIT		
10 32 1282		10 09 0743 + 10 15 1257	13 28 1069		13 09 0222 + 13 15 0815
10 32 1329		10 09 0743 + 10 15 1328	13 28 1070		13 09 0222 + 13 15 0292
10 32 1442		10 09 0743 + 10 15 1370	13 28 1071		13 09 0222 + 13 08 0166 + 12 02 0168
10 32 1330		10 09 1196 + 10 15 1328	13 28 1074		13 09 0280 + 13 15 0815
10 32 1283		10 09 1197 + 10 15 1257	13 28 1075		13 09 0280 + 13 15 0292
10 32 1331		10 09 1197 + 10 15 1328	13 28 1076		13 09 0280 + 13 08 0166 + 12 02 0168

Further 2in1 KITs upon request!

LC + LC/MS

SCREW NECK ND8



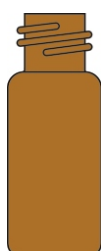
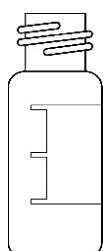
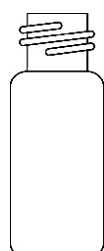
Consumables for

Shimadzu

LC-2010,
(SIL-2AS),
SIL-6A, SIL-6B, SIL-7A,
SIL-8A, SIL-9A, SIL-10A
(SIL-10AF, SIL-10AP, SIL-10Ai,
SIL-10ADVP, SIL-10AxL)
SIL-HT

25mm HPLC
Syringe Filters

Screw Neck ND8 (Special 8mm Screw Cap required)

1:1
Drawings

LPP Art.-No. 11 09 0210 11 09 0419 11 09 0259 11 09 0382 11 09 0417 05 09 0129 05 09 0968 20 09 1405

See Shimadzu
Art.-No.

LPP Art.-Description	1.5ml Screw Neck Vial, 32 x 11.6mm, clear glass, 1 st hydrol. class, small opening	1.5ml Screw Neck Vial, 32 x 11.6mm, clear glass, 1 st hydrol. class., small opening, label + filling lines	1.5ml Screw Neck Vial, 32 x 11.6mm, amber glass, 1 st hydrol. class., small opening	1.5ml Screw Neck Vial, 32 x 11.6mm, amber glass, 1 st hydrol. class., small opening, label + filling lines	1.1ml Screw Neck Vial, 32 x 11.6mm, clear glass, 1 st hydrol. class, conical	0.1ml Micro-Insert, 30 x 5mm, clear glass, 15mm top	0.1ml Micro-Insert, 28 x 5mm, clear glass, with assembled plastic spring	10ml Headspace-Vial, 46 x 22.5mm, clear glass, 1 st hydrol. class., DIN Crimp Neck, rounded bottom
LPP Packaging Unit	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	10 x 100 pieces per PP-Box	10 x 100 pieces per PP-Box	100 pieces per PP-Box

ProFill™ HPLC Syringe Filters (Other HPLC consumables)

25 16 0346	25 16 0347	25 16 0348	25 16 0349	25 16 0350	25 16 0351
ProFill™ 25mm HPLC Syringe Filter, PTFE, green, 0.20µm	ProFill™ 25mm HPLC Syringe Filter, PTFE, natural, 0.45µm	ProFill™ 25mm HPLC Syringe Filter, Reg. Cellulose (RC), blue, 0.20µm	ProFill™ 25mm HPLC Syringe Filter, Reg. Cellulose (RC), yellow, 0.45µm	ProFill™ 25mm HPLC Syringe Filter, Nylon (PA), bright blue, 0.20µm	ProFill™ 25mm HPLC Syringe Filter, Nylon (PA), bright green, 0.45µm
100 pieces per PE-Bag, add. packed in a PP-Box	100 pieces per PE-Bag, add. packed in a PP-Box	100 pieces per PE-Bag, add. packed in a PP-Box	100 pieces per PE-Bag, add. packed in a PP-Box	100 pieces per PE-Bag, add. packed in a PP-Box	100 pieces per PE-Bag, add. packed in a PP-Box
Hydrophobic (water repellent)	Hydrophobic (water repellent)	Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic
Sample Retention < 0,1ml Pressure Rating: 500 kPa (= 5 bar = 72 psi) Effective Filter Area: 3.9 cm² Luer-Lock-Inlet (female) Luer-Slip (male)	Sample Retention < 0,1ml Pressure Rating: 500 kPa (= 5 bar = 72 psi) Effective Filter Area: 3.9 cm² Luer-Lock-Inlet (female) Luer-Slip (male)	Sample Retention < 0,1ml Pressure Rating: 500 kPa (= 5 bar = 72 psi) Effective Filter Area: 3.9 cm² Luer-Lock-Inlet (female) Luer-Slip (male)	Sample Retention < 0,1ml Pressure Rating: 500 kPa (= 5 bar = 72 psi) Effective Filter Area: 3.9 cm² Luer-Lock-Inlet (female) Luer-Slip (male)	Sample Retention < 0,1ml Pressure Rating: 500 kPa (= 5 bar = 72 psi) Effective Filter Area: 3.9 cm² Luer-Lock-Inlet (female) Luer-Slip (male)	Sample Retention < 0,1ml Pressure Rating: 500 kPa (= 5 bar = 72 psi) Effective Filter Area: 3.9 cm² Luer-Lock-Inlet (female) Luer-Slip (male)
chemically high resistant	chemically high resistant	good moistening properties, wet durable	good moistening properties, wet durable	high mechanical stability, i.e. Wet + dry durable	high mechanical stability, i.e. Wet + dry durable
for organic solutions, aggressive acids and bases or cryo liquids	for organic solutions, aggressive acids and bases or cryo liquids	for aqueous and organic media, not suitable for aggressive acids and bases	for aqueous and organic media, not suitable for aggressive acids and bases	for aqueous and organic media (often used for pharmaceutical application)	for aqueous and organic media (often used for pharmaceutical application)

LC + LC/MS

SCREW NECK ND13



Consumables for Shimadzu

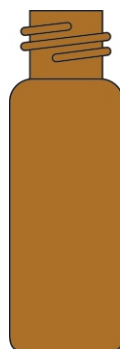
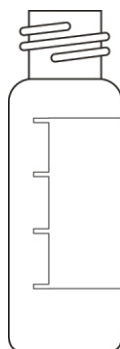
AOC-20i, AOC-20s,
AOC-17,
AOC-14/1400,
AOC-5000

SCREW NECK ND10



1 : 1
Drawings

Screw Neck ND13 (not for AOC-5000)



+



LPP Art.-No. 13 09 0222

13 09 1335

13 09 0280

13 09 1336

40 09 0146

50 13 0147

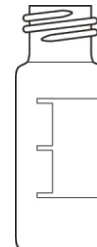
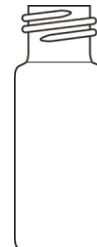
See Shimadzu
Art.-No.

LPP Art.-Description	4ml Screw Neck Vial, 45 x 14.75mm, clear glass, 1 st hydrol. class	4ml Screw Neck Vial, 45 x 14.75mm, clear glass, 1 st hydrol. Class, label + filling lines	4ml Screw Neck Vial, 45 x 14.75mm, amber glass, 1 st hydrol. class	4ml Screw Neck Vial, 45 x 14.75mm, amber glass, 1 st hydrol. Class, label + filling lines	0.3ml Micro-Insert, 40 x 6mm, clear glass, 15mm top	Spring 50 x 7.5mm For Micro-Insert 40 09 0146
LPP Packaging Unit	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	10 x 100 pieces per PP-Box	100 pieces per PE-Bag

Crimp Neck ND8

Screw Neck ND10
(wide opening)

1 : 1
Drawings



LPP Art.-No. 08 09 0305 08 09 0258 08 09 0405 08 09 0406 08 09 0276 08 09 0606 10 09 0743 10 09 1196 10 09 1197

See Shimadzu
Art.-No.

LPP Art.-Description	0.7ml Crimp Neck Micro-Vial ND8, 40 x 7mm, clear glass, 1 st hydrol. class, conical	0.7ml Crimp Neck Micro-Vial ND8, 40 x 7mm, amber glass, 1 st hydrol. class, conical	0.7ml Crimp Neck Vial ND8, 40 x 7mm, clear glass, 1 st hydrol. class	0.7ml Crimp Neck Vial ND8, 40 x 7mm, amber glass, 1 st hydrol. class	0.3ml Crimp Neck Micro-Vial ND8, 31.5 x 5.5mm, clear glass, 1 st hydrol. Class, round bottom	0.3ml Crimp Neck Micro-Vial ND8, 31.5 x 5.5mm, clear glass, 1 st hydrol. Class, conical	1.5ml Screw Neck Vial ND10, 32 x 11.6mm, clear glass, 1 st hydrol. class, wide opening	1.5ml Screw Neck Vial ND10, 32 x 11.6mm, clear glass, 1 st hydrol. class, wide opening, label + filling lines	1.5ml Screw Neck Vial ND10, 32 x 11.6mm, amber glass, 1 st hydrol. class, wide opening, label + filling lines
LPP Packaging Unit	10 x 100 pieces per PP-Box	10 x 100 pieces per PP-Box	10 x 100 pieces per PP-Box	10 x 100 pieces per PP-Box	10 x 100 pieces per PP-Box	10 x 100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box

SHORT THREAD ND9

CRIMP NECK ND11

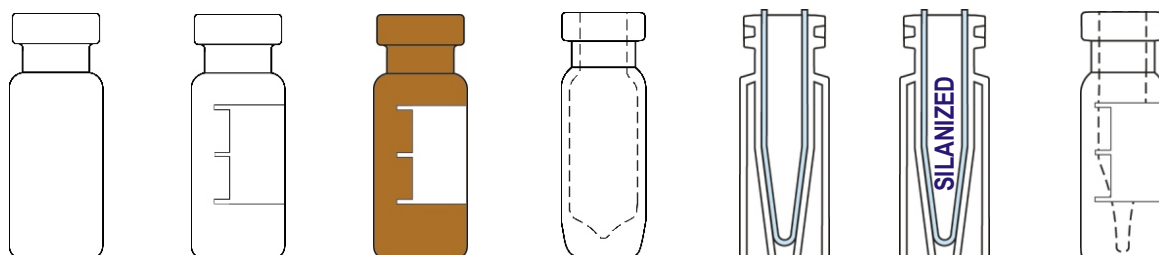
Consumables for



AOC-20i, AOC-20s,
AOC-17,
AOC-14/1400,
AOC-5000



Crimp Neck ND11 (wide opening)

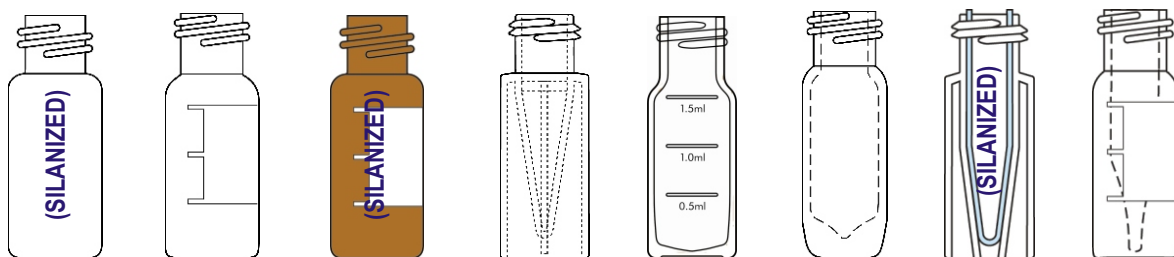
1 : 1
Drawings

LPP Art.-No.	11 09 0356	11 09 0476	11 09 0477	11 09 0619	11 14 1190	11 14 1266	11 09 0921
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See Shimadzu
Art.-No.

LPP Art.-Description	1.5ml Crimp Neck Vial, 32 x 11.6mm, clear glass, 1 st hydrol. class, wide opening	1.5ml Crimp Neck Vial, 32 x 11.6mm, clear glass, 1 st hydrol. class, wide opening, label + filling lines	1.5ml Crimp Neck Vial, 32 x 11.6mm, amber glass, 1 st hydrol. class, wide opening, label + filling lines	1.1ml Microliter Crimp Neck Vial ND11, 32 x 11.6mm, clear glass, 1 st hydrol. class	Top Sert™ TPX Snap Ring Vial ND11, 32 x 11.6mm, with integrated 0.2ml Glass Micro-Insert	Top Sert™ TPX Snap Ring Vial ND11, 32 x 11.6mm, with integrated SILANIZED 0.2ml Glass Micro-Insert	Crimp Neck Vial with integrated 0.2ml Micro-Insert, clear glass, 1 st hydrol. class, label + filling lines
LPP Packaging Unit	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box

Short Thread ND9 (wide opening)

1 : 1
Drawings

LPP Art.-No.	11 09 0500 (11 09 1241)	11 09 0519	11 09 0520 (11 09 1242)	11 19 0932 (11 19 1216)	11 19 1205 (11 19 1516)	11 09 0620	11 14 1189 (11 14 1265)	11 09 0999
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See Shimadzu
Art.-No.

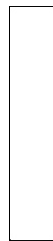
LPP Art.-Description	1.5ml Short Thread Vial, 32 x 11.6mm, clear glass, 1 st hydrol. class, wide opening (Silanized)	1.5ml Short Thread Vial, 32 x 11.6mm, clear glass, 1 st hydrol. class, wide opening, label + filling lines	1.5ml Short Thread Vial, 32 x 11.6mm, amber glass, 1 st hydrol. class, wide opening, label + filling lines (Silanized)	0.3ml Polypropylene Short Thread Micro-Vial, 32 x 11.6mm, transparent (amber)	1.5ml Polypropylene Short Thread Vial, 32 x 11.6mm, transparent, with filling lines (amber)	1.1ml Microliter Short Thread Vial ND9, 32 x 11.6mm, clear glass, 1 st hydrol. class	Top Sert™ TPX Short Thread Vial ND9, 32 x 11.6mm, with integrated 0.2ml Glass Micro-Insert (Silanized)	Short Thread Vial with integrated 0.2ml Micro-Insert, clear glass, 1 st hydrol. class, label + filling lines
LPP Packaging Unit	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PE-Bag	100 pieces per PE-Bag	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box

SCREW NECK ND8

Consumables for

Shimadzu

**AOC-20i, AOC-20s,
AOC-17,
AOC-14/1400
AOC-5000**

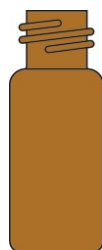
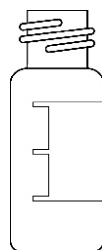
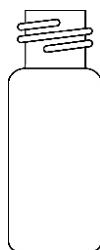
MICRO-INSERTS**MICRO-INSERTS FOR WIDE OPENING (Screw Neck ND10, Short Thread ND9, Crimp Neck ND11, Snap Ring ND11)**1 : 1
Drawings

LPP Art.-No. **06 09 0357** **06 09 0669** **06 09 0866** **06 09 0865** **06 09 1240**

See Shimadzu
Art.-No.

LPP Art.-Description	0.1ml Micro-Insert, 31 x 6mm, clear glass, 15mm top	0.1ml Micro-Insert, 31 x 6mm, clear glass, 12mm top	0.2ml Micro-Insert, 31 x 6mm, clear glass, flat bottom	0.1ml Micro-Insert, 28 x 6mm, clear glass, with assembled plastic spring	0.1ml Micro-Insert, 31 x 6mm, clear glass, 15mm top SILANIZED
LPP Packaging Unit	10 x 100 pieces per PP-Box	10 x 100 pieces per PP-Box	10 x 100 pieces per PP-Box	10 x 100 pieces per PP-Box	10 x 100 pieces per PP-Box

Screw Neck ND8
(Special 8mm Screw Cap required)

1 : 1
Drawings

LPP Art.-No. **11 09 0210** **11 09 0419** **11 09 0259** **11 09 0382** **11 09 0417** **05 09 0129** **05 09 0968** **20 09 1405**

See Shimadzu
Art.-No.

LPP Art.-Description	1.5ml Screw Neck Vial, 32 x 11.6mm, clear glass, 1 st hydrol. class, small opening	1.5ml Screw Neck Vial, 32 x 11.6mm, clear glass, 1 st hydrol. class, small opening, label + filling lines	1.5ml Screw Neck Vial, 32 x 11.6mm, amber glass, 1 st hydrol. class, small opening	1.5ml Screw Neck Vial, 32 x 11.6mm, amber glass, 1 st hydrol. class, small opening, label + filling lines	1.1ml Screw Neck Vial, 32 x 11.6mm, clear glass, 1 st hydrol. class, conical	0.1ml Micro-Insert, 30 x 5mm, clear glass, 15mm top	0.1ml Micro-Insert, 28 x 5mm, clear glass, with assembled plastic spring	10ml Headspace-Vial, 46 x 22.5mm, clear glass, 1 st hydrol. class, DIN Crimp Neck, rounded bottom
LPP Packaging Unit	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	10 x 100 pieces per PP-Box	10 x 100 pieces per PP-Box	100 pieces per PP-Box

LPP Art.-No. **12 21 1001**

See Shimadzu

LPP Art.-Description Vial Rack, Acrylic, (173 x 95 x 20mm),
50 cavities with a diameter of 12mm

LPP Packaging Unit 1 piece



LPP Art.-No. **08 06 0005** **11 06 0006** **11 07 0002**

See Shimadzu

LPP Art.-Description **8mm Crimper** **11mm Crimper** **11mm Decapper**

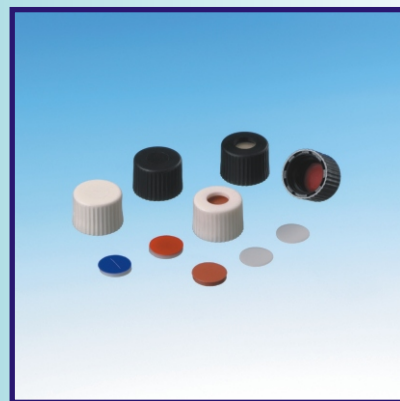
LPP Packaging Unit 1 piece
per PP-Box 1 piece
per PP-Box 1 piece
per PP-Box

GC

Consumables for

Shimadzu

**AOC-20i, AOC-20s,
AOC-17,
AOC-14/1400,
AOC-5000**



Seals for Screw Neck ND13 (with assembled Septum)

13 15 0456	13mm PP Screw Cap, black, centre hole; Natural Rubber red-orange/TEF transp., 55° shore A, 1.3mm
13 15 0887	13mm PP Screw Cap, black, centre hole; Silicone dark blue/PTFE white, 45° shore A, 1.3mm
13 15 0815	13mm PP Screw Cap, black, centre hole; Silicone cream/PTFE red, 55° shore A, 1.5mm
13 15 1293	13mm PP Screw Cap, black, centre hole; Silicone white/PTFE blue, 60° shore A, 1.5mm, cross-slitted
13 15 0292	13mm PP Screw Cap, black, centre hole; PTFE red/Silicone white/PTFE red, 45° shore A, 1.0mm
13 08 0166	13mm PP Screw Cap, black, centre hole;
12 02 0168	12mm Septa: PTFE virginal, 53° shore D, 0.25mm
Further 13mm Srew Seals with different Septa resp. with closed top caps are available!	
Packaging Unit: 100 pieces per PE-Bag (Septa: 1000 pieces per PE-Bag)	

Seals for Screw Neck ND10 (with assembled Septa)

10 15 1256	10mm PP Screw Cap black, centre hole; Natural Rubber red-orange/TEF transp., 55° shore A, 1.3mm
10 15 0743	10mm PP Screw Cap black, centre hole; Silicone white/PTFE beige, 45° shore A, 1.5mm
10 15 1257	10mm PP Screw Cap black, centre hole; UltraClean Silicone white/PTFE red, 35° shore A, 1.3mm
10 15 1328	10mm PP Screw Cap black, centre hole; Silicone white/PTFE blue, 60° shore A, 1.5mm, slitted
10 15 1258	10mm PP Screw Cap black, centre hole; PTFE red/Silicone white/PTFE red, 45° shore A, 1.0mm
10 08 0742	10mm PP Screw Cap black, centre hole
10 02 0646	10mm Septa: PTFE virginal, 53° shore D, 0.25mm
Further 10mm Screw Seals with different Septa are available!	
Packaging Unit: 100 pieces per PE-Bag (Septa: 1000 pieces per PE-Bag)	

Seals for Crimp Neck ND11 (with assembled Septa)

11 03 0300	11mm Alu. Crimp Cap, clear lacquered, centre hole; Natural Rubber red-orange/Butyl red/TEF transp., 45° shore A, 1.0mm
11 03 0885	11mm Alu. Crimp Cap, clear lacquered, centre hole; Silicone dark blue/PTFE white, 45° shore A, 1.3mm
11 03 0588	11mm Alu. Crimp Cap, clear lacquered, centre hole; Silicone blue transparent/PTFE white, 35° shore A, 1.3mm
11 03 0247	11mm Alu. Crimp Cap, clear lacquered, centre hole; UltraClean Silicone white/PTFE red, 35° shore A, 1.3mm
11 03 0464	11mm Alu. Crimp Cap, clear lacquered, centre hole; Silicone white/PTFE blue, 60° shore A, 1.5mm cross-slitted
11 03 0196	11mm Alu. Crimp Cap, clear lacquered, centre hole; PTFE red/Silicone white/PTFE red, 45° shore A, 1.0mm
11 03 0339	11mm Alu. Crimp Cap, clear lacquered, centre hole, PTFE virginal, 53° shore D, 0.25mm with roll groove;
11 03 0318	11mm Magnetic Crimp Cap, gold, centre hole (for AOC-5000); UltraClean Silicone white/PTFE red, 35° shore A, 1.3mm
11 03 0332	11mm Magnetic Crimp Cap, gold, centre hole (for AOC-5000); PTFE red/Silicone white/PTFE red, 45° shore A, 1.0mm
Further 11mm Aluminium Crimp Seals with different Septa or with Crimp Caps in different colours are available!	
Packaging Unit: 100 pieces per PE-Bag	



Any combination of 1.5ml vials with appropriate seals of your choice can be supplied as 2in1 KIT!

Consumables for **Shimadzu**

**AOC-20i, AOC-20s,
AOC-17,
AOC-14/1400,
AOC-5000**



Short Thread Seals ND9 (with assembled Septa)

09 15 0982	9mm PP Short Thread Cap, blue, centre hole;	PTFE virginal , 53° shore D, 0.25mm
09 15 0867	9mm PP Short Thread Cap, blue, centre hole;	Natural Rubber red-orange/TEF transp., 55° shore A, 1.0mm
09 15 1176	9mm PP Short Thread Cap, red, centre hole;;	Natural Rubber red-orange/TEF transp., 55° shore A, 1.0mm
09 15 1356	9mm PP Short Thread Cap, green, centre hole;	Natural Rubber red-orange/TEF transp., 55° shore A, 1.0mm
09 15 0838	9mm PP Short Thread Cap, blue, centre hole;	UltraClean Silicone white/PTFE red, 55° shore A, 1.0mm
09 15 1178	9mm PP Short Thread Cap, red, centre hole;	UltraClean Silicone white/PTFE red, 55° shore A, 1.0mm
09 15 1332	9mm PP Short Thread Cap, green, centre hole;	UltraClean Silicone white/PTFE red, 55° shore A, 1.0mm
09 15 0868	9mm PP Short Thread Cap, blue, centre hole;	PTFE red/Silicone white/PTFE red, 45° shore A, 1.0mm
09 15 1177	9mm PP Short Thread Cap, red, centre hole;	PTFE red/Silicone white/PTFE red, 45° shore A, 1.0mm
09 15 1485	9mm PP Short Thread Cap, green, centre hole;	PTFE red/Silicone white/PTFE red, 45° shore A, 1.0mm
09 15 0869	9mm PP Short Thread Cap, blue, centre hole;	Silicone white/PTFE blue, with slit, 60° shore A, 1.0mm
09 15 1179	9mm PP Short Thread Cap, red, centre hole;	Silicone white/PTFE blue, with slit, 60° shore A, 1.0mm
09 15 1.....	9mm PP Short Thread Cap, green, centre hole;	Silicone white/PTFE blue, with slit, 60° shore A, 1.0mm
09 04 1220	9mm UltraBond™ Seal: PP Short Thread, black, centre hole;	Silicon white/PTFE red, 35° shore A, 1.3mm

Further 9mm Short Thread Seals with different Septa resp. with red, transparent, blue, green or yellow caps are available!
Packaging Unit: 100 pieces per PE-Bag

Seals for Crimp Neck ND8 for AOC-5000 (with assembled Septa)

08 03 0884	8mm Alu. Crimp Cap, clear lacq., centre hole;	Silicone dark blue/PTFE white, 45° shore A, 1.3mm
08 03 0249	8mm Alu. Crimp Cap, clear lacq., centre hole;	UltraClean Silicone white/PTFE red, 35° shore A, 1.3mm
08 03 1156	8mm Alu. Crimp Cap, clear lacq., centre hole;	Silicone white/PTFE red, 35° shore A, 1.3mm, slitted
08 03 0113	8mm Alu. Crimp Cap, clear lacq., centre hole;	PTFE red/Silicone white/PTFE red, 45° shore A, 1.0mm

Further 8mm Crimp Seals with different Septa are available!
Packaging Unit: 100 pieces per PE-Bag

Consumables for **Shimadzu**

**AOC-20i, AOC-20s,
AOC-17,
AOC-14/1400
AOC-5000**

GC Injection Port Septa

07 18 0935

**Shimadzu Plug,
transparent**

25 pieces per
amber glass vial

Capillary Connectors

02 17 0472

**Universal Capillary Connector
for 2 columns**

10 pieces per PP-Box

02 17 0473

**Universal Y-Capillary Connector
for 3 columns**

1 piece per PP-Box



Consumables for TOC Analyzers

ASI-V Autosampler

Upon request we can also supply
screwed-on EPA-Vials with a
screw seal of your choice!



Vials ND24

1 : 1
Drawings

LPP Art.-No.
See Shimadzu
Art.-No.
LPP Art.
Description

LPP
Packaging Unit

24 09 0402

40ml
Screw Neck Vial,
95 x 27.5mm,
clear glass,
1st hydrol. class,
EPA

100 pieces
per PP-Box

24 09 0928

40ml
Screw Neck Vial,
95 x 27.5mm,
amber glass,
1st hydrol. class,
EPA

100 pieces
per PP-Box



Screw Seals ND24, Caps and Septa

24 04 0842

24 04 0841

24 08 0403

24 08 0592

22 02 1108

24mm UltraBond Seal: PP Screw Cap, white, centre hole, Silicone white/PTFE beige, 45° shore A, 3.2mm
24mm UltraBond Seal: PP Screw Cap, white, closed top, Silicone white/PTFE beige, 45° shore A, 3.2mm
24mm PP Screw Cap, white, centre hole
24mm PP Screw Cap, white, closed top
22mm Septa, Silicone natural/PTFE beige, 45° shore A, 3.2mm, EPA Quality

Further 24mm Screw Seals with different Septa
resp. with different Septa upon request!

Packaging Unit Seals/Screw Caps: 100 pieces per PE-Bag
Packaging Unit Septa: 1000 pieces per PE-Bag

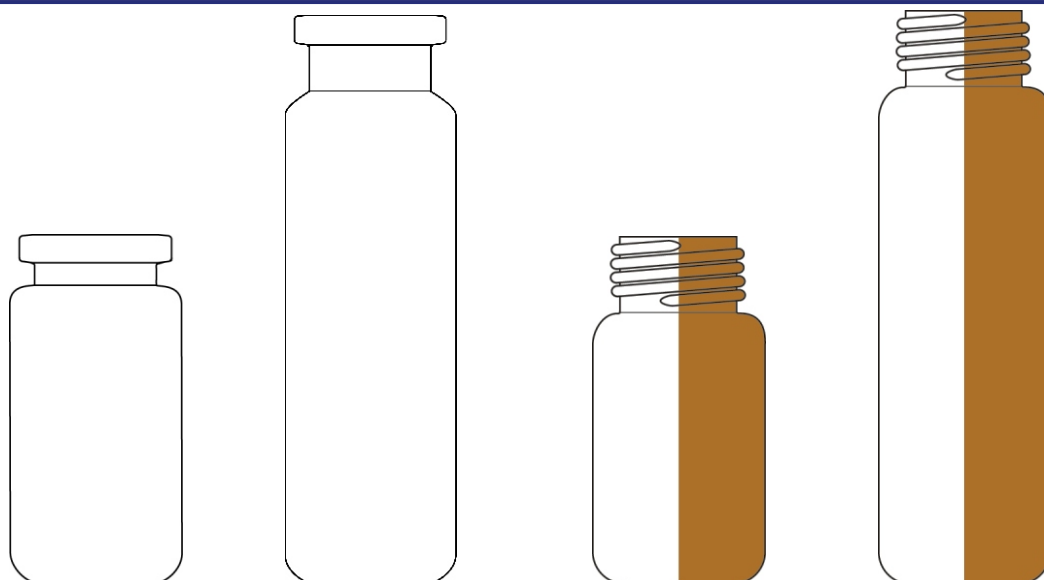


Consumables for Shimadzu

AOC-5000



1 : 1
Drawings



LPP Art.-No.	20 09 1405	20 09 0873	18 09 1306/18 09 1310	18 09 1307/18 09 1311
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See Shimadzu
Art.-No.

LPP Art. Description	10ml Headspace-Vial, 46 x 22.5mm, clear glass, 1 st hydrol. class, DIN Crimp Neck, rounded bottom	20ml Headspace-Vial, 75.5 x 22.5mm, clear glass, 1 st hydrol. class, DIN Crimp Neck, long neck, rounded bottom	10ml Precision Thread Vial ND18, 46 x 22.5mm, clear / amber glass, 1 st hydrol. class, rounded bottom	20ml Precision Thread Vial ND18, 75.5 x 22.5mm, clear / amber glass, 1 st hydrol. class, rounded bottom
LPP Packaging Unit	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box	100 pieces per PP-Box

Seals for Crimp Neck ND20 and Precision Thread ND18 (with assembled Septa)

20 03 0975	20mm Magn. Crimp Cap, gold, 8mm centre hole;	UltraClean Silicone blue transp./PTFE white, 35° shore A, 3.0mm
22 15 1334	22mm PE-Cap for DIN Crimp Neck, transp., centre hole; (Seal for Solvent Vial)	Silicone blue transp./PTFE white, 35° shore A, 1.3mm
18 03 1414	18mm Magn. Screw Cap, silver, 8mm centre hole;	UltraClean Silicone white/PTFE blue, 60° shore A, 1.5mm
18 03 1309	18mm Magn. Screw Cap, silver, 8mm centre hole;	UltraClean Silicone blue transp./PTFE white, 35° shore A, 1.3mm
18 03 1416	18mm Magn. Screw Cap, silver, 8mm centre hole;	Butyl red/PTFE grey, 55° shore A, 1.6mm
Further 20mm Magnetic Crimp Seals resp. 18mm Magnetic Screw Seals are available! Packaging Unit: 100 pieces per PE-Bag		

20 06 0008 20 07 0004

20mm
Crimper

20mm
Decapper

1 piece
per PP-Box

1 piece
per PP-Box



24 21 1002

Vial Rack, Acrylic,
(160 x 160 x 30mm),
25 cavities with a
diameter of 24mm

1 piece



SH

16