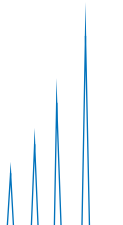
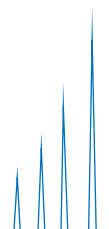


Price list **ECO^{PLUS}**

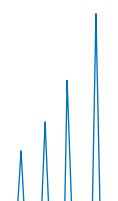


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Bed lengths and volumes ECO^{PLUS}

ID [mm]	Pressure limit [bar]	Short pistons		Short/long piston		Long pistons	
		Bed length [mm]	Volume [ml]	Bed length [mm]	Volume [ml]	Bed length [mm]	Volume [ml]
5	AB = 80 SR = 80	30-125	0.6-2.4	0-125	0-2.4	0-125	0-2.4
		150-250	3.0-4.9	70-250	1.4-4.9	0-250	0-4.9
		400-500	7.9-9.8	320-500	6.3-9.8	240-500	4.8-9.8
10	AB = 80 SR = 50	40-125	3.2-9.8	0-125	0-9.8	0-125	0-9.8
		160-250	13-19	80-250	6.2-19	0-250	0-19
		410-500	33-39	330-500	26-39	250-500	20-39
15	AB = 70 SR = 50	30-125	6-22	0-125	0-22	0-125	0-22
		155-250	28-44	75-250	14-44	0-250	0-44
		405-500	72-88	325-500	58-88	245-500	44-88
25	AB = 50 SR = 50	30-125	15-60	0-125	0-60	0-125	0-60
		160-250	80-120	80-250	40-120	0-250	0-120
		410-500	205-245	330-500	165-245	250-500	125-245
35	AB = 40 SR = 40	35-125	35-120	0-125	0-120	0-125	0-120
		160-250	155-240	80-250	80-240	0-250	0-240
		410-500	395-480	330-500	320-480	250-500	245-480
50	AB = 30 SR = 15	40-125	80-245	0-125	0-245	0-125	0-245
		170-250	335-490	90-250	180-490	0-250	0-490
		415-500	815-980	340-500	670-980	255-500	500-980



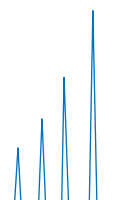
Aqueous Buffer (AB) versions

Temperature range	4–40 °C
Piston	PE (Polyethylene)
Sealing	O-ring, EPDM (ethylene propylene diene monomer rubber)
Frit	PE (Polyethylene)
Height adjustment	2 short pistons, 1 short and 1 long piston, 2 long pistons
Connections	1/4"-28G female screw thread

Solvent Resistant (SR) versions

Temperature range	4–40 °C
Piston	PTFE (polytetrafluoroethylene)
Sealing	ID 5–35 mm: PTFE triple chevron lamellar seals ID 50 mm: O-ring, Kalrez® (colour: white)
Frit	ID 5–15 mm: sintered glass ID 25–50 mm: stainless steel
Height adjustment	2 short pistons, 1 short and 1 long piston, 2 long pistons
Connections	1/4"-28G female screw thread

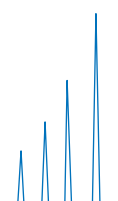
All columns supplied with	1x frit removal tool 2x plugs, PTFE (1/4"-28G)
Columns with 5 mm ID	1x 1 m ETFE 1/16" capillary tubing pre-assembled 4x 1/4"-28G nut and ferrule for 1/16" tubing 2x M6 nut and ferrule for 1/16" tubing 2x 10-32 nut and ferrule for 1/16" tubing
Columns with 10–15 mm ID	1x 1 m FEP 1/16" capillary tubing (0.8 x 1.6 mm) 4x 1/4"-28G nut and ferrule for 1/16" tubing 2x M6 nut and ferrule for 1/16" tubing 2x 10-32 nut and ferrule for 1/16" tubing
Columns with 25–50 mm ID	1x 1 m FEP 1/8" capillary tubing (1.6 x 3.2 mm) 4x 1/4"-28G nut and ferrule for 1/8" tubing 2x M6 nut and ferrule for 1/8" tubing



5 mm ID columns



ID [mm]	Pressure limit [bar]	Short pistons		Short/long piston		Long pistons	
		Bed length [mm]	Volume [ml]	Bed length [mm]	Volume [ml]	Bed length [mm]	Volume [ml]
5	AB = 80 SR = 80	30-125	0.6-2.4	0-125	0-2.4	0-125	0-2.4
		150-250	3.0-4.9	70-250	1.4-4.9	0-250	0-4.9
		400-500	7.9-9.8	320-500	6.3-9.8	240-500	4.8-9.8



Short pistons



Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC05/125PE0-AB-3	5	30–125	0.6–2.4	10	Polyethylene	80	139,000
TAC05/125PE5-AB-3	5	30–125	0.6–2.4	5	Polyethylene	80	135,000
TAC05/250PE0-AB-3	5	150–250	3.0–4.9	10	Polyethylene	80	162,000
TAC05/250PE5-AB-3	5	150–250	3.0–4.9	5	Polyethylene	80	162,000
TAC05/500PE0-AB-3	5	400–500	7.9–9.8	10	Polyethylene	80	186,000
TAC05/500PE5-AB-3	5	400–500	7.9–9.8	5	Polyethylene	80	186,000

Short/long piston

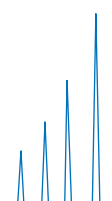


Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC05/125SLPE0-AB-3	5	0–125	0–2.4	10	Polyethylene	80	145,000
TAC05/125SLPE5-AB-3	5	0–125	0–2.4	5	Polyethylene	80	145,000
TAC05/250SLPE0-AB-3	5	70–250	1.4–4.9	10	Polyethylene	80	177,000
TAC05/250SLPE5-AB-3	5	70–250	1.4–4.9	5	Polyethylene	80	177,000
TAC05/500SLPE0-AB-3	5	320–500	6.3–9.8	10	Polyethylene	80	202,000
TAC05/500SLPE5-AB-3	5	320–500	6.3–9.8	5	Polyethylene	80	202,000

Long pistons



Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC05/125LPE0-AB-3	5	0–125	0–2.4	10	Polyethylene	80	154,000
TAC05/125LPE5-AB-3	5	0–125	0–2.4	5	Polyethylene	80	154,000
TAC05/250LPE0-AB-3	5	0–250	0–4.9	10	Polyethylene	80	186,000
TAC05/250LPE5-AB-3	5	0–250	0–4.9	5	Polyethylene	80	186,000
TAC05/500LPE0-AB-3	5	240–500	4.8–9.8	10	Polyethylene	80	211,000
TAC05/500LPE5-AB-3	5	240–500	4.8–9.8	5	Polyethylene	80	211,000



Short pistons



Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC05/125G0-SR-3	5	30–125	0.6–2.4	10	Glass	80	142,000
TAC05/125G2-SR-3	5	30–125	0.6–2.4	2	Glass	80	142,000
TAC05/250G0-SR-3	5	150–250	3.0–4.9	10	Glass	80	172,000
TAC05/250G2-SR-3	5	150–250	3.0–4.9	2	Glass	80	172,000
TAC05/500G0-SR-3	5	400–500	7.9–9.8	10	Glass	80	193,000
TAC05/500G2-SR-3	5	400–500	7.9–9.8	2	Glass	80	193,000

Short/long piston

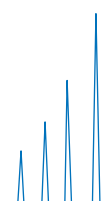


Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC05/125SLG0-SR-3	5	0–125	0–2.4	10	Glass	80	152,000
TAC05/125SLG2-SR-3	5	0–125	0–2.4	2	Glass	80	152,000
TAC05/250SLG0-SR-3	5	70–250	1.4–4.9	10	Glass	80	185,000
TAC05/250SLG2-SR-3	5	70–250	1.4–4.9	2	Glass	80	185,000
TAC05/500SLG0-SR-3	5	320–500	6.3–9.8	10	Glass	80	210,000
TAC05/500SLG2-SR-3	5	320–500	6.3–9.8	2	Glass	80	210,000

Long pistons



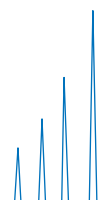
Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC05/125LG0-SR-3	5	0–125	0–2.4	10	Glass	80	161,000
TAC05/125LG2-SR-3	5	0–125	0–2.4	2	Glass	80	161,000
TAC05/250LG0-SR-3	5	0–250	0–4.9	10	Glass	80	195,000
TAC05/250LG2-SR-3	5	0–250	0–4.9	2	Glass	80	195,000
TAC05/500LG0-SR-3	5	240–500	4.8–9.8	10	Glass	80	219,000
TAC05/500LG2-SR-3	5	240–500	4.8–9.8	2	Glass	80	219,000



10 mm ID columns



ID [mm]	Pressure limit [bar]	Short pistons		Short/long piston		Long pistons	
		Bed length [mm]	Volume [ml]	Bed length [mm]	Volume [ml]	Bed length [mm]	Volume [ml]
10	AB = 80 SR = 50	40-125	3.2-9.8	0-125	0-9.8	0-125	0-9.8
		160-250	13-19	80-250	6.2-19	0-250	0-19
		410-500	33-39	330-500	26-39	250-500	20-39



Aqueous Buffer (AB) versions – 10 mm ID columns

Price list ECO^{PLUS}

Short pistons



Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC10/125PE0-AB-2	10	40–125	3.2–9.8	10	Polyethylene	80	168,000
TAC10/125PE5-AB-2	10	40–125	3.2–9.8	5	Polyethylene	80	168,000
TAC10/250PE0-AB-2	10	160–250	13–19	10	Polyethylene	80	182,000
TAC10/250PE5-AB-2	10	160–250	13–19	5	Polyethylene	80	182,000
TAC10/500PE0-AB-2	10	410–500	33–39	10	Polyethylene	80	198,000
TAC10/500PE5-AB-2	10	410–500	33–39	5	Polyethylene	80	198,000

Short/long piston

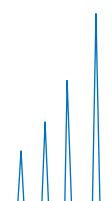


Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC10/125SLPE0-AB-2	10	0–125	0–9.8	10	Polyethylene	80	178,000
TAC10/125SLPE5-AB-2	10	0–125	0–9.8	5	Polyethylene	80	178,000
TAC10/250SLPE0-AB-2	10	80–250	6.2–19	10	Polyethylene	80	191,000
TAC10/250SLPE5-AB-2	10	80–250	6.2–19	5	Polyethylene	80	191,000
TAC10/500SLPE0-AB-2	10	330–500	26–39	10	Polyethylene	80	211,000
TAC10/500SLPE5-AB-2	10	330–500	26–39	5	Polyethylene	80	211,000

Long pistons



Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC10/125LPE0-AB-2	10	0–125	0–9.8	10	Polyethylene	80	187,000
TAC10/125LPE5-AB-2	10	0–125	0–9.8	5	Polyethylene	80	187,000
TAC10/250LPE0-AB-2	10	0–250	0–19	10	Polyethylene	80	201,000
TAC10/250LPE5-AB-2	10	0–250	0–19	5	Polyethylene	80	201,000
TAC10/500LPE0-AB-2	10	250–500	20–39	10	Polyethylene	80	220,000
TAC10/500LPE5-AB-2	10	250–500	20–39	5	Polyethylene	80	220,000



Short pistons



Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [µm]	Frit material	Pressure limit [bar]	Price [¥]
TAC10/125G0-SR-2	10	40–125	3.2–9.8	10	Glass	50	177,000
TAC10/125G2-SR-2	10	40–125	3.2–9.8	2	Glass	50	177,000
TAC10/250G0-SR-2	10	160–250	13–19	10	Glass	50	189,000
TAC10/250G2-SR-2	10	160–250	13–19	2	Glass	50	189,000
TAC10/500G0-SR-2	10	410–500	33–39	10	Glass	50	211,000
TAC10/500G2-SR-2	10	410–500	33–39	2	Glass	50	211,000

Short/long piston

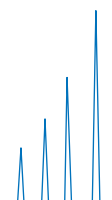


Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [µm]	Frit material	Pressure limit [bar]	Price [¥]
TAC10/125SLG0-SR-2	10	0–125	0–9.8	10	Glass	50	187,000
TAC10/125SLG2-SR-2	10	0–125	0–9.8	2	Glass	50	187,000
TAC10/250SLG0-SR-2	10	80–250	6.2–19	10	Glass	50	200,000
TAC10/250SLG2-SR-2	10	80–250	6.2–19	2	Glass	50	200,000
TAC10/500SLG0-SR-2	10	330–500	26–39	10	Glass	50	223,000
TAC10/500SLG2-SR-2	10	330–500	26–39	2	Glass	50	223,000

Long pistons



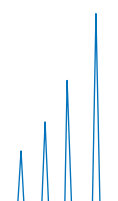
Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [µm]	Frit material	Pressure limit [bar]	Price [¥]
TAC10/125LG0-SR-2	10	0–125	0–9.8	10	Glass	50	197,000
TAC10/125LG2-SR-2	10	0–125	0–9.8	2	Glass	50	197,000
TAC10/250LG0-SR-2	10	0–250	0–19	10	Glass	50	211,000
TAC10/250LG2-SR-2	10	0–250	0–19	2	Glass	50	211,000
TAC10/500LG0-SR-2	10	250–500	20–39	10	Glass	50	223,000
TAC10/500LG2-SR-2	10	250–500	20–39	2	Glass	50	223,000



15 mm ID columns



ID [mm]	Pressure limit [bar]	Short pistons		Short/long piston		Long pistons	
		Bed length [mm]	Volume [ml]	Bed length [mm]	Volume [ml]	Bed length [mm]	Volume [ml]
15	AB = 70 SR = 50	30-125	6-22	0-125	0-22	10-125	0-22
		155-250	28-44	75-250	14-44	0-250	0-44
		405-500	72-88	325-500	58-88	245-500	44-88



Short pistons



Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC15/125PE0-AB-2	15	30–125	6–22	10	Polyethylene	70	207,000
TAC15/125PE5-AB-2	15	30–125	6–22	5	Polyethylene	70	207,000
TAC15/250PE0-AB-2	15	155–250	28–44	10	Polyethylene	70	228,000
TAC15/250PE5-AB-2	15	155–250	28–445	5	Polyethylene	70	228,000
TAC15/500PE0-AB-2	15	405–500	72–88	10	Polyethylene	70	254,000
TAC15/500PE5-AB-2	15	405–500	72–88	5	Polyethylene	70	254,000

Short/long piston

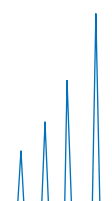


Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC15/125SLPE0-AB-2	15	0–125	0–22	10	Polyethylene	70	220,000
TAC15/125SLPE5-AB-2	15	0–125	0–22	5	Polyethylene	70	220,000
TAC15/250SLPE0-AB-2	15	75–250	14–44	10	Polyethylene	70	236,000
TAC15/250SLPE5-AB-2	15	75–250	14–44	5	Polyethylene	70	236,000
TAC15/500SLPE0-AB-2	15	325–500	58–88	10	Polyethylene	70	261,000
TAC15/500SLPE5-AB-2	15	325–500	58–88	5	Polyethylene	70	261,000

Long pistons



Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC15/125LPE0-AB-2	15	0–125	0–22	10	Polyethylene	70	231,000
TAC15/125LPE5-AB-2	15	0–125	0–22	5	Polyethylene	70	231,000
TAC15/250LPE0-AB-2	15	0–250	0–44	10	Polyethylene	70	248,000
TAC15/250LPE5-AB-2	15	0–250	0–44	5	Polyethylene	70	248,000
TAC15/500LPE0-AB-2	15	245–500	44–88	10	Polyethylene	70	272,000
TAC15/500LPE5-AB-2	15	245–500	44–88	5	Polyethylene	70	272,000



Solvent Resistant (SR) versions – 15 mm ID columns

Price list ECO^{PLUS}

Short pistons



Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC15/125G0-SR-2	15	30–125	6–22	10	Glass	50	223,000
TAC15/125G2-SR-2	15	30–125	6–22	2	Glass	50	223,000
TAC15/250G0-SR-2	15	155–250	28–44	10	Glass	50	227,000
TAC15/250G2-SR-2	15	155–250	28–44	2	Glass	50	227,000
TAC15/500G0-SR-2	15	405–500	72–88	10	Glass	50	258,000
TAC15/500G2-SR-2	15	405–500	72–88	2	Glass	50	258,000

Short/long piston

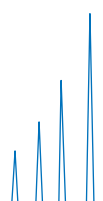


Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC15/125SLG0-SR-2	15	0–125	0–22	10	Glass	50	231,000
TAC15/125SLG2-SR-2	15	0–125	0–22	2	Glass	50	231,000
TAC15/250SLG0-SR-2	15	75–250	14–44	10	Glass	50	247,000
TAC15/250SLG2-SR-2	15	75–250	14–44	2	Glass	50	247,000
TAC15/500SLG0-SR-2	15	325–500	58–88	10	Glass	50	272,000
TAC15/500SLG2-SR-2	15	325–500	58–88	2	Glass	50	272,000

Long pistons



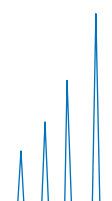
Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC15/125LG0-SR-2	15	0–125	0–22	10	Glass	50	243,000
TAC15/125LG2-SR-2	15	0–125	0–22	2	Glass	50	243,000
TAC15/250LG0-SR-2	15	0–250	0–44	10	Glass	50	259,000
TAC15/250LG2-SR-2	15	0–250	0–44	2	Glass	50	259,000
TAC15/500LG0-SR-2	15	245–500	44–88	10	Glass	50	285,000
TAC15/500LG2-SR-2	15	245–500	44–88	2	Glass	50	285,000



25 mm ID columns



ID [mm]	Pressure limit [bar]	Short pistons		Short/long piston		Long pistons	
		Bed length [mm]	Volume [ml]	Bed length [mm]	Volume [ml]	Bed length [mm]	Volume [ml]
25	AB = 50 SR = 50	30-125	15-60	0-125	0-60	0-125	0-60
		160-250	80-120	80-250	40-120	0-250	0-120
		410-500	205-245	330-500	165-245	250-500	125-245



Aqueous Buffer (AB) versions – 25 mm ID columns

Price list ECO^{PLUS}

Short pistons



Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC25/125PE0-AB-2	25	30–125	15–60	10	Polyethylene	50	232,000
TAC25/125PE5-AB-2	25	30–125	15–60	5	Polyethylene	50	232,000
TAC25/250PE0-AB-2	25	160–250	80–120	10	Polyethylene	50	240,000
TAC25/250PE5-AB-2	25	160–250	80–120	5	Polyethylene	50	240,000
TAC25/500PE0-AB-2	25	410–500	205–245	10	Polyethylene	50	263,000
TAC25/500PE5-AB-2	25	410–500	205–245	5	Polyethylene	50	263,000

Short/long piston

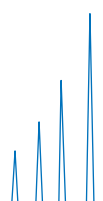


Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC25/125SLPE0-AB-2	25	0–125	0–60	10	Polyethylene	50	244,000
TAC25/125SLPE5-AB-2	25	0–125	0–60	5	Polyethylene	50	244,000
TAC25/250SLPE0-AB-2	25	80–250	40–120	10	Polyethylene	50	253,000
TAC25/250SLPE5-AB-2	25	80–250	40–120	5	Polyethylene	50	253,000
TAC25/500SLPE0-AB-2	25	330–500	165–245	10	Polyethylene	50	274,000
TAC25/500SLPE5-AB-2	25	330–500	165–245	5	Polyethylene	50	274,000

Long pistons



Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC25/125LPE0-AB-2	25	0–125	0–60	10	Polyethylene	50	254,000
TAC25/125LPE5-AB-2	25	0–125	0–60	5	Polyethylene	50	254,000
TAC25/250LPE0-AB-2	25	0–250	0–120	10	Polyethylene	50	261,000
TAC25/250LPE5-AB-2	25	0–250	0–120	5	Polyethylene	50	261,000
TAC25/500LPE0-AB-2	25	250–500	125–245	10	Polyethylene	50	286,000
TAC25/500LPE5-AB-2	25	250–500	125–245	5	Polyethylene	50	286,000



Short pistons



Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC25/125S0-SR-2	25	30–125	15–60	10	Stainless steel	50	234,000
TAC25/125S2-SR-2	25	30–125	15–60	2	Stainless steel	50	234,000
TAC25/250S0-SR-2	25	160–250	80–120	10	Stainless steel	50	248,000
TAC25/250S2-SR-2	25	160–250	80–120	2	Stainless steel	50	248,000
TAC25/500S0-SR-2	25	410–500	205–245	10	Stainless steel	50	276,000
TAC25/500S2-SR-2	25	410–500	205–245	2	Stainless steel	50	276,000

Short/long piston

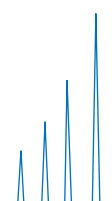


Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC25/125SLS0-SR-2	25	0–125	0–60	10	Stainless steel	50	248,000
TAC25/125SLS2-SR-2	25	0–125	0–60	2	Stainless steel	50	248,000
TAC25/250SLS0-SR-2	25	80–250	40–120	10	Stainless steel	50	266,000
TAC25/250SLS2-SR-2	25	80–250	40–120	2	Stainless steel	50	266,000
TAC25/500SLS0-SR-2	25	330–500	165–245	10	Stainless steel	50	289,000
TAC25/500SLS2-SR-2	25	330–500	165–245	2	Stainless steel	50	289,000

Long pistons



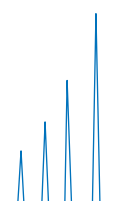
Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC25/125LS0-SR-2	25	0–125	0–60	10	Stainless steel	50	256,000
TAC25/125LS2-SR-2	25	0–125	0–60	2	Stainless steel	50	256,000
TAC25/250LS0-SR-2	25	0–250	0–120	10	Stainless steel	50	276,000
TAC25/250LS2-SR-2	25	0–250	0–120	2	Stainless steel	50	276,000
TAC25/500LS0-SR-2	25	250–500	125–245	10	Stainless steel	50	300,000
TAC25/500LS2-SR-2	25	250–500	125–245	2	Stainless steel	50	300,000



35 mm ID columns



ID [mm]	Pressure limit [bar]	Short pistons		Short/long piston		Long pistons	
		Bed length [mm]	Volume [ml]	Bed length [mm]	Volume [ml]	Bed length [mm]	Volume [ml]
35	AB = 40 SR = 40	35-125	35-120	0-125	0-120	0-125	0-120
		160-250	155-240	80-250	80-240	0-250	0-240
		410-500	395-480	330-500	320-480	250-500	245-480



Short pistons



Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC35/125PE0-AB-2	35	35–125	35–120	10	Polyethylene	40	259,000
TAC35/125PE5-AB-2	35	35–125	35–120	5	Polyethylene	40	259,000
TAC35/250PE0-AB-2	35	160–250	155–240	10	Polyethylene	40	271,000
TAC35/250PE5-AB-2	35	160–250	155–240	5	Polyethylene	40	271,000
TAC35/500PE0-AB-2	35	410–500	395–480	10	Polyethylene	40	286,000
TAC35/500PE5-AB-2	35	410–500	395–480	5	Polyethylene	40	286,000

Short/long piston

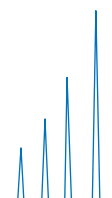


Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC35/125SLPE0-AB-2	35	0–125	0–120	10	Polyethylene	40	279,000
TAC35/125SLPE5-AB-2	35	0–125	0–120	5	Polyethylene	40	279,000
TAC35/250SLPE0-AB-2	35	80–250	80–240	10	Polyethylene	40	279,000
TAC35/250SLPE5-AB-2	35	80–250	80–240	5	Polyethylene	40	279,000
TAC35/500SLPE0-AB-2	35	330–500	320–480	10	Polyethylene	40	259,000
TAC35/500SLPE5-AB-2	35	330–500	320–480	5	Polyethylene	40	259,000

Long pistons



Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC35/125LPE0-AB-2	35	0–125	0–120	10	Polyethylene	40	279,000
TAC35/125LPE5-AB-2	35	0–125	0–120	5	Polyethylene	40	279,000
TAC35/250LPE0-AB-2	35	0–250	0–240	10	Polyethylene	40	286,000
TAC35/250LPE5-AB-2	35	0–250	0–240	5	Polyethylene	40	286,000
TAC35/500LPE0-AB-2	35	250–500	245–480	10	Polyethylene	40	299,000
TAC35/500LPE5-AB-2	35	250–500	245–480	5	Polyethylene	40	299,000



Short pistons



Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC35/125S0-SR-2	35	35–125	35–120	10	Stainless steel	40	272,000
TAC35/125S2-SR-2	35	35–125	35–120	2	Stainless steel	40	272,000
TAC35/250S0-SR-2	35	160–250	155–240	10	Stainless steel	40	285,000
TAC35/250S2-SR-2	35	160–250	155–240	2	Stainless steel	40	285,000
TAC35/500S0-SR-2	35	410–500	395–480	10	Stainless steel	40	297,000
TAC35/500S2-SR-2	35	410–500	395–480	2	Stainless steel	40	297,000

Short/long piston

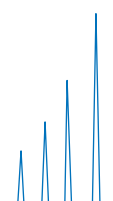


Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC35/125SLS0-SR-2	35	0–125	0–120	10	Stainless steel	40	276,000
TAC35/125SLS2-SR-2	35	0–125	0–120	2	Stainless steel	40	276,000
TAC35/250SLS0-SR-2	35	80–250	80–240	10	Stainless steel	40	289,000
TAC35/250SLS2-SR-2	35	80–250	80–240	2	Stainless steel	40	289,000
TAC35/500SLS0-SR-2	35	330–500	320–480	10	Stainless steel	40	305,000
TAC35/500SLS2-SR-2	35	330–500	320–480	2	Stainless steel	40	305,000

Long pistons



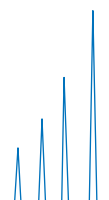
Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC35/125LS0-SR-2	35	0–125	0–120	10	Stainless steel	40	298,000
TAC35/125LS2-SR-2	35	0–125	0–120	2	Stainless steel	40	298,000
TAC35/250LS0-SR-2	35	0–250	0–240	10	Stainless steel	40	307,000
TAC35/250LS2-SR-2	35	0–250	0–240	2	Stainless steel	40	307,000
TAC35/500LS0-SR-2	35	250–500	245–480	10	Stainless steel	40	324,000
TAC35/500LS2-SR-2	35	250–500	245–480	2	Stainless steel	40	324,000



50 mm ID columns



ID [mm]	Pressure limit [bar]	Short pistons		Short/long piston		Long pistons	
		Bed length [mm]	Volume [ml]	Bed length [mm]	Volume [ml]	Bed length [mm]	Volume [ml]
50	AB = 30 SR = 15	40–125	80–245	0–125	0–245	0–125	0–245
		170–250	335–490	90–250	180–490	0–250	0–490
		415–500	815–980	340–500	670–980	255–500	500–980



Short pistons



Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC50/125PE0-AB-2	50	40–125	80–245	10	Polyethylene	30	283,000
TAC50/125PE5-AB-2	50	40–125	80–245	5	Polyethylene	30	283,000
TAC50/250PE0-AB-2	50	170–250	335–490	10	Polyethylene	30	307,000
TAC50/250PE5-AB-2	50	170–250	335–490	5	Polyethylene	30	307,000
TAC50/500PE0-AB-2	50	415–500	815–980	10	Polyethylene	30	323,000
TAC50/500PE5-AB-2	50	415–500	815–980	5	Polyethylene	30	323,000

Short/long piston

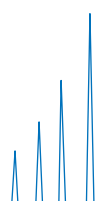


Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC50/125SLPE0-AB-2	50	0–125	0–245	10	Polyethylene	30	289,000
TAC50/125SLPE5-AB-2	50	0–125	0–245	5	Polyethylene	30	289,000
TAC50/250SLPE0-AB-2	50	90–250	180–490	10	Polyethylene	30	317,000
TAC50/250SLPE5-AB-2	50	90–250	180–490	5	Polyethylene	30	317,000
TAC50/500SLPE0-AB-2	50	340–500	670–980	10	Polyethylene	30	338,000
TAC50/500SLPE5-AB-2	50	340–500	670–980	5	Polyethylene	30	338,000

Long pistons



Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC50/125LPE0-AB-2	50	0–125	0–245	10	Polyethylene	30	304,000
TAC50/125LPE5-AB-2	50	0–125	0–245	5	Polyethylene	30	304,000
TAC50/250LPE0-AB-2	50	0–250	0–490	10	Polyethylene	30	328,000
TAC50/250LPE5-AB-2	50	0–250	0–490	5	Polyethylene	30	328,000
TAC50/500LPE0-AB-2	50	255–500	500–980	10	Polyethylene	30	351,000
TAC50/500LPE5-AB-2	50	255–500	500–980	5	Polyethylene	30	351,000



Short pistons



Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC50/125S0-SR-NK	50	40–125	80–245	10	Stainless steel	15	365,000
TAC50/125S2-SR-NK	50	40–125	80–245	2	Stainless steel	15	365,000
TAC50/250S0-SR-NK	50	170–250	335–490	10	Stainless steel	15	392,000
TAC50/250S2-SR-NK	50	170–250	335–490	2	Stainless steel	15	392,000
TAC50/500S0-SR-NK	50	415–500	815–980	10	Stainless steel	15	446,000
TAC50/500S2-SR-NK	50	415–500	815–980	2	Stainless steel	15	446,000

Short/long piston

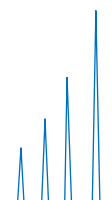


Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC50/125SLS0-SR-NK	50	0–125	0–245	10	Stainless steel	15	383,000
TAC50/125SLS2-SR-NK	50	0–125	0–245	2	Stainless steel	15	383,000
TAC50/250SLS0-SR-NK	50	90–250	180–490	10	Stainless steel	15	402,000
TAC50/250SLS2-SR-NK	50	90–250	180–490	2	Stainless steel	15	402,000
TAC50/500SLS0-SR-NK	50	340–500	670–980	10	Stainless steel	15	455,000
TAC50/500SLS2-SR-NK	50	340–500	670–980	2	Stainless steel	15	455,000

Long pistons



Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC50/125LS0-SR-NK	50	0–125	0–245	10	Stainless steel	15	392,000
TAC50/125LS2-SR-NK	50	0–125	0–245	2	Stainless steel	15	392,000
TAC50/250LS0-SR-NK	50	0–250	0–490	10	Stainless steel	15	410,000
TAC50/250LS2-SR-NK	50	0–250	0–490	2	Stainless steel	15	410,000
TAC50/500LS0-SR-NK	50	255–500	500–980	10	Stainless steel	15	463,000
TAC50/500LS2-SR-NK	50	255–500	500–980	2	Stainless steel	15	463,000



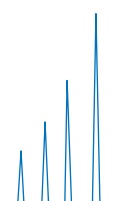
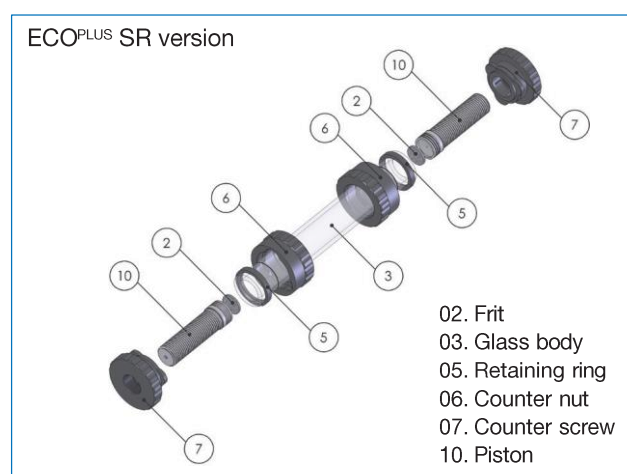
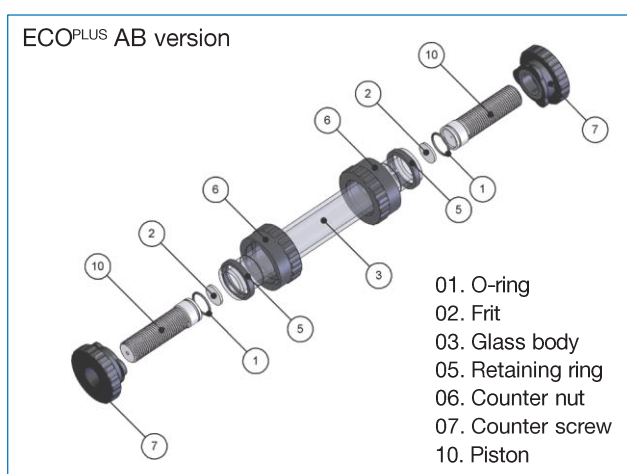
Spare parts for ECO^{PLUS} Glass columns

ECO^{PLUS} glass bodies

ECO^{PLUS} pistons

O-rings: EPDM and Kalrez[®]

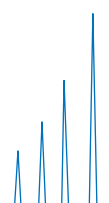
Frits: PE, glass and stainless steel



ECO^{PLUS} glass bodies

Part No.	ID [mm]	max. Bed length [mm]	Price [¥]
TAC05/125-2	5	125	*
TAC05/250-2	5	250	*
TAC05/500-2	5	500	*
TAC10/125-2	10	125	*
TAC10/250-2	10	250	*
TAC10/500-2	10	500	*
TAC15/125-2	15	125	*
TAC15/250-2	15	250	*
TAC15/500-2	15	500	*
TAC25/125-2	25	125	*
TAC25/250-2	25	250	*
TAC25/500-2	25	500	*
TAC35/125-2	35	125	*
TAC35/250-2	35	250	*
TAC35/500-2	35	500	*
TAC50/125-2	50	125	*
TAC50/250-2	50	250	*
TAC50/500-2	50	500	*

* 価格についてはお問い合わせください。



Aqueous Buffer (AB) versions: short piston, Polyethylene, incl. O-ring, w/o frit

Part No.	ID [mm]	Price [¥]	Remarks
TAC05/03STS-AB-4-O	5	* ¹	* ²
TAC10/03STS-AB-2-O	10	* ¹	
TAC15/03STS-AB-2-O	15	* ¹	
TAC25/03STS-AB-2-O	25	* ¹	
TAC35/03STS-AB-2-O	35	* ¹	
TAC50/03STS-AB-2-O	50	* ¹	

Aqueous Buffer (AB) versions: long piston, Polyethylene, incl. O-ring, w/o frit

Part No.	ID [mm]	Price [¥]	Remarks
TAC05/03STL-AB-4-O	5	* ¹	* ²
TAC10/03STL-AB-2-O	10	* ¹	
TAC15/03STL-AB-2-O	15	* ¹	
TAC25/03STL-AB-2-O	25	* ¹	
TAC35/03STL-AB-2-O	35	* ¹	
TAC50/03STL-AB-2-O	50	* ¹	

Solvent Resistant (SR) versions: short piston, PTFE, w/o frit

Part No.	ID [mm]	Price [¥]	Remarks
TAC05/03STS-4	5	* ¹	* ²
TAC10/03STS-3	10	* ¹	
TAC15/03STS-3	15	* ¹	
TAC25/03STS-3	25	* ¹	
TAC35/03STS-3	35	* ¹	

Solvent Resistant (SR) versions: long piston, PTFE, w/o frit

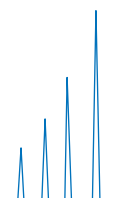
Part No.	ID [mm]	Price [¥]	Remarks
TAC05/03STL-4	5	* ¹	* ²
TAC10/03STL-3	10	* ¹	
TAC15/03STL-3	15	* ¹	
TAC25/03STL-3	25	* ¹	
TAC35/03STL-3	35	* ¹	

Pistons for 50 mm ID SR columns, incl. O-ring, w/o frit

Part No.		ID [mm]	Price [¥]
TAC50/03STS-SR-NK	short	50	* ¹
TAC50/03STL-SR-NK	long	50	* ¹

*¹ 価格はお問い合わせください。

*² 5 mm IDのピストンは、フリットを組みつけた状態での販売となります。
27ページのフリットとセットでご購入ください。



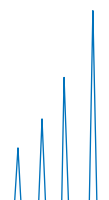
**Aqueous Buffer (AB) versions:
EPDM O-rings, pack of 2**

Part No.	ID [mm]	Price [¥]
TAC05/04E/P2	5	*
TAC10/04E/P2	10	*
TAC15/04E/P2	15	*
TAC25/04E/P2	25	*
TAC35/04E/P2	35	*
TAC50/04E/P2	50	*

**Solvent Resistant (SR) versions:
white Kalrez[®] O-rings, pack of 2**

Part No.	ID [mm]	Price [¥]
TAC50/04K-NK/P2	50	*

* 価格についてはお問い合わせください。



Frits

Price list ECO^{PLUS}

Polyethylene frits, pack of 2

Part No.	ID [mm]	Frit porosity [μm]	Price [¥]	Remarks
TAC05PE10/P2	5	10	* ¹	* ²
TAC05PE5/P2	5	5	* ¹	* ²
TAC10PE10-2/P2	10	10	* ¹	
TAC10PE5-2/P2	10	5	* ¹	
TAC15PE10-2/P2	15	10	* ¹	
TAC15PE5-2/P2	15	5	* ¹	
TAC25PE10-2/P2	25	10	* ¹	
TAC25PE5-2/P2	25	5	* ¹	
TAC35PE10-2/P2	35	10	* ¹	
TAC35PE5-2/P2	35	5	* ¹	
TAC50PE10-2/P2	50	10	* ¹	
TAC50PE5-2/P2	50	5	* ¹	

Glass frits, pack of 2

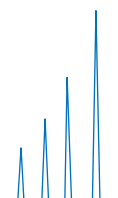
Part No.	ID [mm]	Frit porosity [μm]	Price [¥]	Remarks
TAC05G10/P2	5	10	* ¹	* ²
TAC05G2/P2	5	2	* ¹	* ²
TAC10G10-2/P2	10	10	* ¹	
TAC10G2-2/P2	10	2	* ¹	
TAC15G10-2/P2	15	10	* ¹	
TAC15G2-2/P2	15	2	* ¹	

Stainless steel frits, pack of 2

Part No.	ID [mm]	Frit porosity [μm]	Price [¥]
TAC25S10-2/P2	25	10	* ¹
TAC25S2-2/P2	25	2	* ¹
TAC35S10-2/P2	35	10	* ¹
TAC35S2-2/P2	35	2	* ¹
TAC50S10-2/P2	50	10	* ¹
TAC50S2-2/P2	50	2	* ¹

*¹ 価格はお問い合わせください。

*² 5 mm IDのフリットは、ピストンに組みつけた状態での販売となります。
25ページのピストンとセットでご購入ください。

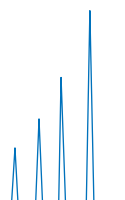


Accessories

ECO^{PLUS} coupling units

Tubing

Fittings (nuts and ferrules) and adapters



Accessories

ECO^{PLUS} coupling units

Included:	ECO ^{PLUS} connection screw with Teflon insert (assembled) Column coupler counter screw with snap ring Counter nut (bayonet) with snap ring AB versions: 4 Viton O-rings SR versions: 2 Kalrez [®] O-rings
Not included:	Glass body for the packing adapter (see page 24)

Aqueous Buffer (AB) versions



Part No.	ID [mm]	Pressure limit [bar]	Price [¥]
TAC05KU-AB	5	5	*
TAC10KU-AB	10	5	*
TAC15KU-AB	15	5	*
TAC25KU-AB	25	5	*
TAC35KU-AB	35	5	*
TAC50KU-AB	50	5	*

Solvent Resistant (SR) versions



Part No.	ID [mm]	Pressure limit [bar]	Price [¥]
TAC05KU-SR	5	5	*
TAC10KU-SR	10	5	*
TAC15KU-SR	15	5	*
TAC25KU-SR	25	5	*
TAC35KU-SR	35	5	*
TAC50KU-SR	50	5	*

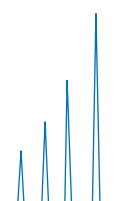
O-rings for AB coupling units (Viton), pack of 2

Part No.	ID [mm]	Price [¥]
TAC05KU03V/P2	5	*
TAC10KU03V/P2	10	*
TAC15KU03V/P2	15	*
TAC25KU03V/P2	25	*
TAC35KU03V/P2	35	*
TAC50KU03V/P2	50	*

O-rings for SR coupling units (Kalrez[®]), pack of 2

Part No.	ID [mm]	Price [¥]
TAC05KU03K/P2	5	*
TAC10KU03K/P2	10	*
TAC15KU03K/P2	15	*
TAC25KU03K/P2	25	*
TAC35KU03K/P2	35	*
TAC50KU03K/P2	50	*

* 価格についてはお問い合わせください。



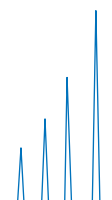
Tubing

Part No.	Description	Price [¥]
PT0,8FE1,6/M5	FEP tubing, 0.8 x 1.6 mm OD (1/16" OD), PK of 5 metres	*
PT1,6FE3,2/M5	FEP tubing, 1.6 x 3.2 mm OD (1/8" OD), PK of 5 metres	*
JR-T-082-M3	Tefzel tubing 0.5 x 1.6 OD (1/16" OD), PK of 3 metres	*

Fittings (nuts and ferrules) and adapters

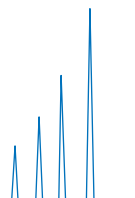
Part No.	Description	Price [¥]
K.P255	Nut, 1/4"-28, PPS, for collapsible ferrule for 1/16" tubing, PK of 10	*
K.P331	Nut, 1/4"-28, PPS, for collapsible ferrule for 1/8" tubing, PK of 10	*
JR-58000-5	10-32 nut/ferrule (one-piece-fitting) for 1/16" tubing, PK of 5	*
JR-CFL-CB1KF	Ferrule, collapsible, for 1/16" tubing, PK of 10	*
JR-CFL-CB2KF-10	Ferrule, collapsible, for 1/8" tubing, PK of 10	*
K.P200NX	Flangeless ferrule for 1/16" tubing, PK of 10	*
K.P201X	Nut 1/4"-28G for 1/16" tubing, PK of 10	*
K.P207X	M6 nut for 1/16" tubing, PK of 10	*
K.P300NX	Ferrule for 1/8" tubing, PK of 10	*
K.P301X	Nut 1/4"-28G for 1/8" tubing, PK of 10	*
K.P307X	M6 nut, for 1/8" tubing, PK of 10	*
K.P316-5	Plug PTFE (1/4"-28G), PK of 5	*
K.P620-5	Female connector (both ends threaded 1/4"-28G), PK of 5	*
K.P621-5	Adapter 1/4"-28G female to M6 female, PK of 5	*
K.P627	Adapter 10-32 female to 1/4"-28G female (incl. 1 F-300 fitting for 1/16" tubing)	*
K.P670	Adapter 1/4"-28G male to M6 female, PK of 5	*
JR-0636-PCTFE/P2	Adapter 10-32 female to 1/4"-28G male, PK of 2	*

* 価格についてはお問い合わせください。



仕様は予告なく変更することがあります。

価格は2025年3月現在の国内販売のための製品価格です。価格には消費税は含まれておりません。





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