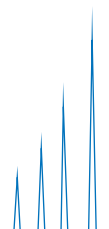


Price list **ECO^{PLUS}**

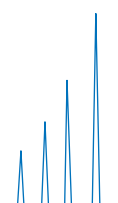


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Bed lengths and volumes ECO^{PLUS}

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



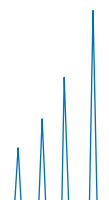
Aqueous Buffer (AB) versions

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 mm: PTFE triple chevron lamellar seals ID 10-50 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

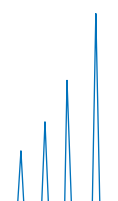
All columns supplied with	1x frit removal tool 2x plugs, PTFE (1/4"-28G)
Columns with 5 mm ID	1x 1 m ETFE 1/16" capillary tubing pre-assembled 4x 1/4"-28G nut and ferrule for 1/16" tubing 2x M6 nut and ferrule for 1/16" tubing 2x 10–32 nut and ferrule for 1/16" tubing
Columns with 10–15mm ID	1x 1 m FEP 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 25–50mm 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	*
TAC05/125PE5-AB-3	5	30–125	0.6–2.4	5	Polyethylene	80	*
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



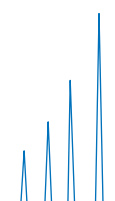
Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC05/125SLPE0-AB-3	5	0–125	0–2.4	10	Polyethylene	80	*
TAC05/125SLPE5-AB-3	5	0–125	0–2.4	5	Polyethylene	80	*
TAC05/250SLPE0-AB-3	5	70–250	1.4–4.9	10	Polyethylene	80	177,000
TAC05/250SLPE5-AB-3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

* 価格についてはお問い合わせください。



Solvent Resistant (SR) versions – 5 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 [¥]
TAC05/125G0-SR-3	5	30–125	0.6–2.4	10	Glass	80	*
TAC05/125G2-SR-3	5	30–125	0.6–2.4	2	Glass	80	*
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



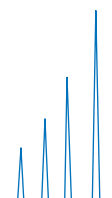
Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC05/125SLG0-SR-3	5	0–125	0–2.4	10	Glass	80	152,000
TAC05/125SLG2-SR-3	5	0–125	0–2.4	2	Glass	80	152,000
TAC05/250SLG0-SR-3	5	70–250	1.4–4.9	10	Glass	80	185,000
TAC05/250SLG2-SR-3	5	70–250	1.4–4.9	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	*
TAC05/125LG2-SR-3	5	0–125	0–2.4	2	Glass	80	*
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

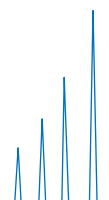
* 価格についてはお問い合わせください。



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



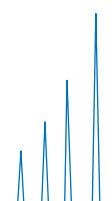
Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC10/125SLPE0-AB-2	10	0–125	0–9.8	10	Polyethylene	80	178,000
TAC10/125SLPE5-AB-2	10	0–125	0–9.8	5	Polyethylene	80	178,000
TAC10/250SLPE0-AB-2	10	80–250	6.2–19	10	Polyethylene	80	191,000
TAC10/250SLPE5-AB-2	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	*
TAC10/125LPE5-AB-2	10	0–125	0–9.8	5	Polyethylene	80	*
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

* 価格についてはお問い合わせください。



Short pistons



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

Short/long piston



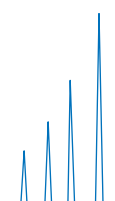
Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC10/125SLG0-SR-NK	10	0–125	0–9.8	10	Glass	50	187,000
TAC10/125SLG2-SR-NK	10	0–125	0–9.8	2	Glass	50	187,000
TAC10/250SLG0-SR-NK	10	80–250	6.2–19	10	Glass	50	200,000
TAC10/250SLG2-SR-NK	10	80–250	6.2–19	2	Glass	50	200,000
TAC10/500SLG0-SR-NK	10	330–500	26–39	10	Glass	50	223,000
TAC10/500SLG2-SR-NK	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-NK	10	0–125	0–9.8	10	Glass	50	*
TAC10/125LG2-SR-NK	10	0–125	0–9.8	2	Glass	50	*
TAC10/250LG0-SR-NK	10	0–250	0–19	10	Glass	50	211,000
TAC10/250LG2-SR-NK	10	0–250	0–19	2	Glass	50	211,000
TAC10/500LG0-SR-NK	10	250–500	20–39	10	Glass	50	223,000
TAC10/500LG2-SR-NK	10	250–500	20–39	2	Glass	50	223,000

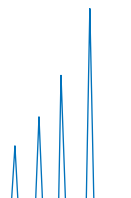
* 価格についてはお問い合わせください。



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



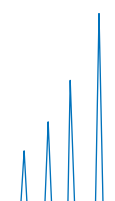
Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC15/125SLPE0-AB-2	15	0–125	0–22	10	Polyethylene	70	220,000
TAC15/125SLPE5-AB-2	15	0–125	0–22	5	Polyethylene	70	220,000
TAC15/250SLPE0-AB-2	15	75–250	14–44	10	Polyethylene	70	236,000
TAC15/250SLPE5-AB-2	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	*
TAC15/125LPE5-AB-2	15	0–125	0–22	5	Polyethylene	70	*
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

* 価格についてはお問い合わせください。



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-NK	15	30–125	6–22	10	Glass	50	223,000
TAC15/125G2-SR-NK	15	30–125	6–22	2	Glass	50	223,000
TAC15/250G0-SR-NK	15	155–250	28–44	10	Glass	50	227,000
TAC15/250G2-SR-NK	15	155–250	28–44	2	Glass	50	227,000
TAC15/500G0-SR-NK	15	405–500	72–88	10	Glass	50	258,000
TAC15/500G2-SR-NK	15	405–500	72–88	2	Glass	50	258,000

Short/long piston



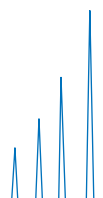
Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC15/125SLG0-SR-NK	15	0–125	0–22	10	Glass	50	231,000
TAC15/125SLG2-SR-NK	15	0–125	0–22	2	Glass	50	231,000
TAC15/250SLG0-SR-NK	15	75–250	14–44	10	Glass	50	247,000
TAC15/250SLG2-SR-NK	15	75–250	14–44	2	Glass	50	247,000
TAC15/500SLG0-SR-NK	15	325–500	58–88	10	Glass	50	272,000
TAC15/500SLG2-SR-NK	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-NK	15	0–125	0–22	10	Glass	50	*
TAC15/125LG2-SR-NK	15	0–125	0–22	2	Glass	50	*
TAC15/250LG0-SR-NK	15	0–250	0–44	10	Glass	50	259,000
TAC15/250LG2-SR-NK	15	0–250	0–44	2	Glass	50	259,000
TAC15/500LG0-SR-NK	15	245–500	44–88	10	Glass	50	285,000
TAC15/500LG2-SR-NK	15	245–500	44–88	2	Glass	50	285,000

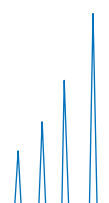
* 価格についてはお問い合わせください。



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



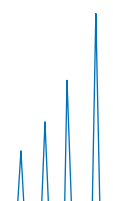
Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC25/125SLPE0-AB-2	25	0–125	0–60	10	Polyethylene	50	244,000
TAC25/125SLPE5-AB-2	25	0–125	0–60	5	Polyethylene	50	244,000
TAC25/250SLPE0-AB-2	25	80–250	40–120	10	Polyethylene	50	253,000
TAC25/250SLPE5-AB-2	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	*
TAC25/125LPE5-AB-2	25	0–125	0–60	5	Polyethylene	50	*
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

* 価格についてはお問い合わせください。



Short pistons



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

Short/long piston



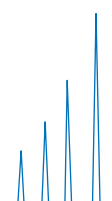
Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC25/125SLS0-SR-NK	25	0–125	0–60	10	Stainless steel	50	248,000
TAC25/125SLS2-SR-NK	25	0–125	0–60	2	Stainless steel	50	248,000
TAC25/250SLS0-SR-NK	25	80–250	40–120	10	Stainless steel	50	266,000
TAC25/250SLS2-SR-NK	25	80–250	40–120	2	Stainless steel	50	266,000
TAC25/500SLS0-SR-NK	25	330–500	165–245	10	Stainless steel	50	289,000
TAC25/500SLS2-SR-NK	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-NK	25	0–125	0–60	10	Stainless steel	50	*
TAC25/125LS2-SR-NK	25	0–125	0–60	2	Stainless steel	50	*
TAC25/250LS0-SR-NK	25	0–250	0–120	10	Stainless steel	50	276,000
TAC25/250LS2-SR-NK	25	0–250	0–120	2	Stainless steel	50	276,000
TAC25/500LS0-SR-NK	25	250–500	125–245	10	Stainless steel	50	300,000
TAC25/500LS2-SR-NK	25	250–500	125–245	2	Stainless steel	50	300,000

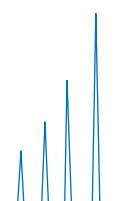
* 価格についてはお問い合わせください。



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



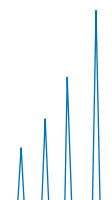
Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC35/125SLPE0-AB-2	35	0–125	0–120	10	Polyethylene	40	279,000
TAC35/125SLPE5-AB-2	35	0–125	0–120	5	Polyethylene	40	279,000
TAC35/250SLPE0-AB-2	35	80–250	80–240	10	Polyethylene	40	279,000
TAC35/250SLPE5-AB-2	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	*
TAC35/125LPE5-AB-2	35	0–125	0–120	5	Polyethylene	40	*
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

* 価格についてはお問い合わせください。



Solvent Resistant (SR) versions – 35 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 [¥]
TAC35/125S0-SR-NK	35	35–125	35–120	10	Stainless steel	40	272,000
TAC35/125S2-SR-NK	35	35–125	35–120	2	Stainless steel	40	272,000
TAC35/250S0-SR-NK	35	160–250	155–240	10	Stainless steel	40	285,000
TAC35/250S2-SR-NK	35	160–250	155–240	2	Stainless steel	40	285,000
TAC35/500S0-SR-NK	35	410–500	395–480	10	Stainless steel	40	297,000
TAC35/500S2-SR-NK	35	410–500	395–480	2	Stainless steel	40	297,000

Short/long piston



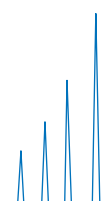
Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC35/125SLS0-SR-NK	35	0–125	0–120	10	Stainless steel	40	276,000
TAC35/125SLS2-SR-NK	35	0–125	0–120	2	Stainless steel	40	276,000
TAC35/250SLS0-SR-NK	35	80–250	80–240	10	Stainless steel	40	289,000
TAC35/250SLS2-SR-NK	35	80–250	80–240	2	Stainless steel	40	289,000
TAC35/500SLS0-SR-NK	35	330–500	320–480	10	Stainless steel	40	305,000
TAC35/500SLS2-SR-NK	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-NK	35	0–125	0–120	10	Stainless steel	40	*
TAC35/125LS2-SR-NK	35	0–125	0–120	2	Stainless steel	40	*
TAC35/250LS0-SR-NK	35	0–250	0–240	10	Stainless steel	40	307,000
TAC35/250LS2-SR-NK	35	0–250	0–240	2	Stainless steel	40	307,000
TAC35/500LS0-SR-NK	35	250–500	245–480	10	Stainless steel	40	324,000
TAC35/500LS2-SR-NK	35	250–500	245–480	2	Stainless steel	40	324,000

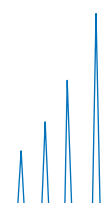
* 価格についてはお問い合わせください。



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



Aqueous Buffer (AB) versions – 50 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 [¥]
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



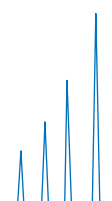
Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC50/125SLPE0-AB-2	50	0–125	0–245	10	Polyethylene	30	289,000
TAC50/125SLPE5-AB-2	50	0–125	0–245	5	Polyethylene	30	289,000
TAC50/250SLPE0-AB-2	50	90–250	180–490	10	Polyethylene	30	317,000
TAC50/250SLPE5-AB-2	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	*
TAC50/125LPE5-AB-2	50	0–125	0–245	5	Polyethylene	30	*
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

* 価格についてはお問い合わせください。



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



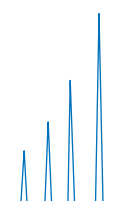
Part No.	ID [mm]	Bed length [mm]	Volume [ml]	Frit porosity [μm]	Frit material	Pressure limit [bar]	Price [¥]
TAC50/125SLS0-SR-NK	50	0–125	0–245	10	Stainless steel	15	383,000
TAC50/125SLS2-SR-NK	50	0–125	0–245	2	Stainless steel	15	383,000
TAC50/250SLS0-SR-NK	50	90–250	180–490	10	Stainless steel	15	402,000
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	*
TAC50/125LS2-SR-NK	50	0–125	0–245	2	Stainless steel	15	*
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

* 価格についてはお問い合わせください。



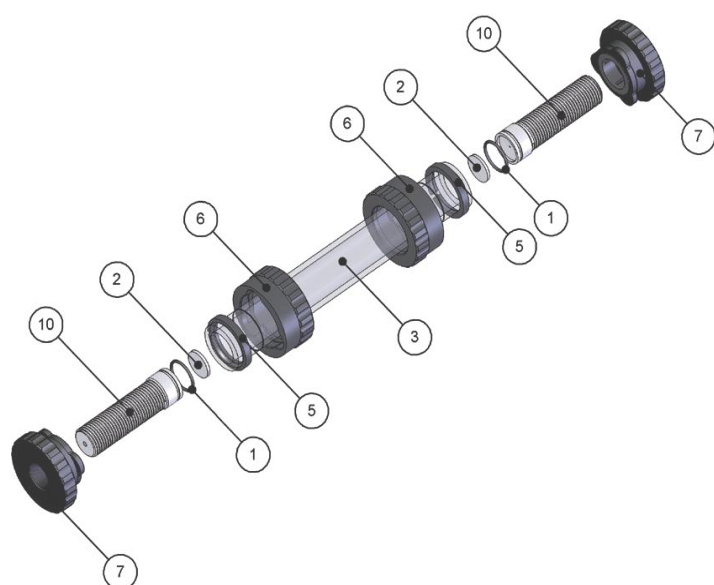
Spare parts for ECO^{PLUS} Glass columns

ECO^{PLUS} glass bodies ECO^{PLUS}

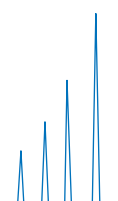
pistons

O-rings: EPDM and Kalrez[®]

Frits: PE, glass and stainless steel

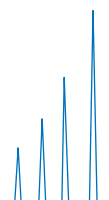


- 01. O-ring
- 02. Frit
- 03. Glass body
- 05. Retaining ring
- 06. Counter nut
- 07. Counter screw
- 10. Piston



ECO^{PLUS} glass bodies

Part No.	ID [mm]	max. Bed length [mm]	Price [¥]
TAC05/125-2	5	125	49,000
TAC05/250-2	5	250	53,000
TAC05/500-2	5	500	72,000
TAC10/125-2	10	125	49,000
TAC10/250-2	10	250	56,000
TAC10/500-2	10	500	76,000
TAC15/125-2	15	125	49,000
TAC15/250-2	15	250	57,000
TAC15/500-2	15	500	76,000
TAC25/125-2	25	125	49,000
TAC25/250-2	25	250	59,000
TAC25/500-2	25	500	80,000
TAC35/125-2	35	125	58,000
TAC35/250-2	35	250	68,000
TAC35/500-2	35	500	97,000
TAC50/125-2	50	125	75,000
TAC50/250-2	50	250	92,000
TAC50/500-2	50	500	139,000



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

Part No.	ID [mm]	Price [¥]
TAC05/03STS-AB-4-O	5	31,000
TAC10/03STS-AB-2-O	10	22,000
TAC15/03STS-AB-2-O	15	24,000
TAC25/03STS-AB-2-O	25	25,000
TAC35/03STS-AB-2-O	35	32,000
TAC50/03STS-AB-2-O	50	36,000

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

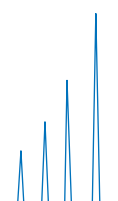
Part No.	ID [mm]	Price [¥]
TAC05/03STL-AB-4-O	5	40,000
TAC10/03STL-AB-2-O	10	31,000
TAC15/03STL-AB-2-O	15	32,000
TAC25/03STL-AB-2-O	25	35,000
TAC35/03STL-AB-2-O	35	40,000
TAC50/03STL-AB-2-O	50	46,000

Solvent Resistant (SR) versions: short piston, incl. O-ring, w/o frit

Part No.	ID [mm]	Price [¥]
TAC05/03STS-SR-NK	5	34,000
TAC10/03STS-SR-NK	10	25,000
TAC15/03STS-SR-NK	15	26,000
TAC25/03STS-SR-NK	25	28,000
TAC35/03STS-SR-NK	35	37,000
TAC50/03STS-SR-NK	50	70,000

Solvent Resistant (SR) versions: long piston, incl. O-ring, w/o frit

Part No.	ID [mm]	Price [¥]
TAC05/03STL-SR-NK	5	42,000
TAC10/03STL-SR-NK	10	34,000
TAC15/03STL-SR-NK	15	35,000
TAC25/03STL-SR-NK	25	39,000
TAC35/03STL-SR-NK	35	48,000
TAC50/03STL-SR-NK	50	81,000



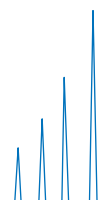
Aqueous Buffer (AB) versions:
EPDM O-rings, pack of 2

Part No.	ID [mm]	Price [¥]
TAC05/04E/P2	5	4,000
TAC10/04E/P2	10	3,000
TAC15/04E/P2	15	3,000
TAC25/04E/P2	25	3,000
TAC35/04E/P2	35	3,000
TAC50/04E/P2	50	6,000

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

Part No.	ID [mm]	Price [¥]
TAC10/04K-NK/P2	10	*
TAC15/04K-NK/P2	15	*
TAC25/04K-NK/P2	25	*
TAC35/04K-NK/P2	35	*
TAC50/04K-NK/P2	50	29,000

* 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

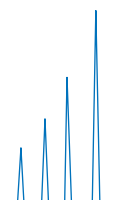
Part No.	ID [mm]	Frit porosity [μm]	Price [¥]
TAC05PE10/P2	5	10	8,000
TAC05PE5/P2	5	5	8,000
TAC10PE10-2/P2	10	10	8,000
TAC10PE5-2/P2	10	5	8,000
TAC15PE10-2/P2	15	10	8,000
TAC15PE5-2/P2	15	5	8,000
TAC25PE10-2/P2	25	10	10,000
TAC25PE5-2/P2	25	5	10,000
TAC35PE10-2/P2	35	10	10,000
TAC35PE5-2/P2	35	5	10,000
TAC50PE10-2/P2	50	10	10,000
TAC50PE5-2/P2	50	5	10,000

Glass frits, pack of 2

Part No.	ID [mm]	Frit porosity [μm]	Price [¥]
TAC05G10/P2	5	10	12,000
TAC05G2/P2	5	2	18,000
TAC10G10-2/P2	10	10	10,000
TAC10G2-2/P2	10	2	18,000
TAC15G10-2/P2	15	10	13,000
TAC15G2-2/P2	15	2	20,000

Stainless steel frits, pack of 2

Part No.	ID [mm]	Frit porosity [μm]	Price [¥]
TAC25S10-2/P2	25	10	15,000
TAC25S2-2/P2	25	2	15,000
TAC35S10-2/P2	35	10	15,000
TAC35S2-2/P2	35	2	15,000
TAC50S10-2/P2	50	10	18,000
TAC50S2-2/P2	50	2	18,000

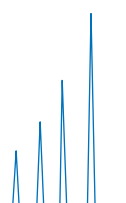


Accessories

ECO^{PLUS} coupling units

Tubing

Fittings (nuts and ferrules) and adapters



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	99,000
TAC10KU-AB	10	5	99,000
TAC15KU-AB	15	5	99,000
TAC25KU-AB	25	5	116,000
TAC35KU-AB	35	5	123,000
TAC50KU-AB	50	5	166,000

Solvent Resistant (SR) versions



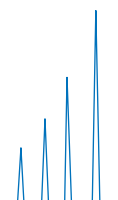
Part No.	ID [mm]	Pressure limit [bar]	Price [¥]
TAC05KU-SR	5	5	99,000
TAC10KU-SR	10	5	107,000
TAC15KU-SR	15	5	115,000
TAC25KU-SR	25	5	152,000
TAC35KU-SR	35	5	214,000
TAC50KU-SR	50	5	279,000

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

Part No.	ID [mm]	Price [¥]
TAC05KU03V/P2	5	2,000
TAC10KU03V/P2	10	2,000
TAC15KU03V/P2	15	3,000
TAC25KU03V/P2	25	3,000
TAC35KU03V/P2	35	3,000
TAC50KU03V/P2	50	3,000

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

Part No.	ID [mm]	Price [¥]
TAC05KU03K/P2	5	22,000
TAC10KU03K/P2	10	31,000
TAC15KU03K/P2	15	54,000
TAC25KU03K/P2	25	65,000
TAC35KU03K/P2	35	74,000
TAC50KU03K/P2	50	101,000

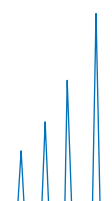


Tubing

Part No.	Description	Price [¥]
PT0,8FE1,6/M5	FEP tubing, 0.8 x 1.6 mm OD (1/16" OD), PK of 5 metres	7,000
PT1,6FE3,2/M5	FEP tubing, 1.6 x 3.2 mm OD (1/8" OD), PK of 5 metres	8,000

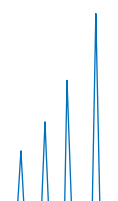
Fittings (nuts and ferrules) and adapters

Part No.	Description	Price [¥]
K.P250/255-10	Super Flangeless Nut and Ferrule, for 1/16" OD tubing, 1/4-28 flat-bottom, PK of 10	21,000
K.P331/350-10	Super Flangeless Nut and Ferrule, for 1/8" OD tubing, 1/4-28 flat-bottom, PK of 10	21,000
JR-58000-5	10-32 nut/ferrule (one-piece-fitting) for 1/16" tubing, PK of 5	6,000
K.P200NX	Flangeless ferrule for 1/16" tubing, PK of 10	5,000
K.P207X	M6 nut for 1/16" tubing, PK of 10	4,000
K.P300NX	Ferrule for 1/8" tubing, PK of 10	5,000
K.P307X	M6 nut, for 1/8" tubing, PK of 10	4,000
K.P316-5	Plug PTFE (1/4"-28G), PK of 5	6,000
K.P620-5	Female connector (both ends threaded 1/4"-28G), PK of 5	5,000
JR-0636-PCTFE/P2	Adapter 10-32 female to 1/4"-28G male, PK of 2	17,000



仕様は予告なく変更することがあります。

価格は2026年1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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