

Standard Prepacked Column according to the Analytical Purpose (Price)

The price in the list is shown as a conditioned standard column

¥ 15,000 is added to the catalog price in the attachment of predata.

The price of standard column are shown as a column packed into Shimadzu GC-3B

– GC-16A tubings.

In the case of Shimadzu GC-17A and other columns, special price is added separately.

Glass Column for Trihalomethane Measurement

P/N	Application	Stationary Phases	%	Description of Support			Length × I.D.	Material	Price (Yen)
				Support	Application	Treatment			
ZS-6	Trihalomethane (with the test data)	Silicone DC 200	10	Chromosorb W	80 – 100	AW-DMCS	3.1 m × 3.2 mm	Glass	42,200
ZS-7		Silicone DC 200	20	Chromosorb W	80 – 100	AW-DMCS	3.1 m × 3.2 mm	Glass	42,200
ZS-8		Silicone DC 550	10	Chromosorb W	80 – 100	AW-DMCS	3.1 m × 3.2 mm	Glass	41,500
ZS-9		Silicone DC 550	20	Chromosorb W	80 – 100	AW-DMCS	3.1 m × 3.2 mm	Glass	41,500

Glass Column for the Anaerobe Identification

P/N	Application	Stationary Phases	%	Description of Support			Length × I.D.	Material	Price (Yen)
				Support	Application	Treatment			
ZR-1	The anaerobe identification	Reoplex 400	10	Chromosorb	80 – 100	AW-DMCS	2.1 m × 3.2 mm	Glass	34,300

Glass Column for Working Environment Measurement

P/N	Application	Stationary Phases	%	Description of Support			Length × I.D.	Material	Price (Yen)
				Support	Application	Treatment			
ZS-1	Working environmental substances	SBS-100	10	Shimalite TPA	60 – 80		3.1 m × 3.2 mm	Glass	53,800
ZS-2		SBS-120	12	SHINCARBON A	80 – 100		3.1 m × 3.2 mm	Glass	66,800
ZS-3		SBS-200	20	Shimalite W	100 – 120	AW-DMCS	3.1 m × 3.2 mm	Glass	47,000

P/N	Application	Stationary Phases	%	Description of Support			Length × I.D.	Material	Price (Yen)
				Support	Application	Treatment			
ZS-15	Phosphorus system pesticide residue	Silicone DC QF-1	2	Chromosorb W	80 – 100	HP	2.1 m × 3.2 mm	Glass	39,500
ZS-11		Silicone DC QF-1	5	Chromosorb W	80 – 100	HP	2.1 m × 3.2 mm	Glass	39,500
ZS-13		Silicone DC QF-1	5	Chromosorb W	80 – 100	HP	1.1 m x 3.2mm	Glass	33,300

Glass Column for Light Oil Analysis

P/N	Application	Stationary Phases	%	Description of Support			Length × I.D.	Material	Price (Yen)
				Support	Application	Treatment			
ZS-35	Light oil	Silicone SE-52 (Methyl Phenyl Silicone)	5	Shimalite W	60 – 80	AW	2.5 m × 3 mm	SUS	36,800
ZS-36			5	Shimalite W	60 – 80	AW	2.6 m × 3.2 mm	Glass	40,800

Glass Column for Pesticide Residue and PCB Analysis

P/N	Application	Stationary Phases	%	Description of Support			Length × I.D.	Material	Price (Yen)
				Support	Application	Treatment			
ZS-58	Residual pesticide and PCB	Silicone OV-17	2	Chromosorb W	60 – 80	AW-DMCS	2.1 m × 3.2 mm	Glass	41,200
ZS-59		Silicone OV-17	2	Chromosorb W	80 – 100	AW-DMCS	2.1 m × 3.2 mm	Glass	41,200
ZS-56		Silicone OV-1	2	Chromosorb W	60 – 80	AW-DMCS	2.1 m × 3.2 mm	Glass	43,600
ZS-57		Silicone OV-1	2	Chromosorb W	80 – 100	AW-DMCS	2.1 m × 3.2mm	Glass	43,600
ZD-3		DEGS+H ₃ PO ₄	2+0.5	Chromosorb W	80 – 100	AW-DMCS	2.1 m × 3.2mm	Glass	35,800

Glass Column for Organic Mercury Analysis

P/N	Application	Stationary Phases	%	Description of Support			Length × I.D.	Material	Price (Yen)
				Support	Application	Treatment			
ZB-1	Organic Alkyl Mercury	1, 4-BDS-HG	20	Chromosorb W	80 – 100	AW-DMCS	0.5 m × 3.2 mm	Glass	36,800
							0.5 m × 3.2		

ZT-5	mercury compound		Thermon-HG	10	Chromosorb W	80 – 100	AW-DMCS	mm	Glass	42,600
ZB-2		Phenyl Mercury	1, 4-BDS-HG	10	Chromosorb W	80 – 100	AW-DMCS	0.5 m × 3.2 mm	Glass	36,800

Glass Column for Amino Acid Analysis

P/N	Application	Stationary Phases	%	Description of Support			Length × I.D.	Material	Price (Yen)
				Support	Application	Treatment			
ZE-1	For Amino acid analysis	Ethyleneglycol Adipate (EGA)	0.5	Chromosorb W	80 – 100	AW	1.6 m × 3.2 mm	Glass	28,500

Glass Column for Urinary Steroid Analysis

P/N	Application	Stationary Phases	%	Description of Support			Length × I.D.	Material	Price (Yen)
				Support	Application	Treatment			
ZS-55	Steroids	for MO-TMSi	1	Shimalite W	80 – 100	AW-DMCS	3.1 m × 3.2 mm	Glass	53,000
ZS-16	in the Urea	for MO-perfect TMSi	2	Shimalite W	80 – 100	AW-DMCS	3.1 m × 3.2 mm	Glass	46,000

Glass Column for Biochemistry, Medicine, Pharmaceuticals

P/N	Application	Stationary Phases	%	Description of Support			Length × I.D.	Price (Yen)
				Support	Application	Treatment		
ZS-24	Steroid and alkaloid medicine article. High boiling chemical compound general.	Silicone SE-30	1.5	Chromosorb W	60 – 80	AW-DMCS	1.1 m × 3.2 mm	32,400
ZS-30		Silicone SE-52	1.5	Chromosorb W	60 – 80	AW-DMCS	1.1 m × 3.2 mm	32,200
ZS-18		Silicone DC QF-1	1.5	Chromosorb W	60 – 80	AW-DMCS	1.1 m × 3.2 mm	31,200
ZS-61		Silicone OV-17	1.5	Shimalite W	80 – 100	AW-DMCS	1.1 m × 3.2 mm	36,200
ZS-63			1.5	Shimalite W	80 – 100	AW-DMCS	2.1 m × 3.2 mm	43,200
ZS-50		Silicone OV-1	1.5	Shimalite W	80 – 100	AW-DMCS	1.1 m × 3.2 mm	40,200
ZS-52			1.5	Shimalite W	80 – 100	AW-DMCS	2.1 m × 3.2 mm	47,200

Prepacked Column for Shimadzu LP Gas Analytical Apparatus

P/N	Item	Contents	Price (Yen)
ZS-71	SM-6	Stainless steel column packed with packing material for Shimadzu LP gas analysis. It can be used for GC-3LP, ZGP-8APT, GC-8APT, GC-14(TCD).	70,000

Glass Column for Fatty Acid Methyl Esters Analysis

P/N	Application	Stationary Phases	%	Description of Support			Length × I.D.	Material	Price (Yen)
				Support	Application	Treatment			
ZS-5	Fatty acid methyl esters	Shinchrom E 71	5	Shimalite	80 – 100	AW	3.1 m × 3.2 mm	Glass	44,500

SHINCARBON A Glass Column

P/N	Application	Stationary Phases	%	Description of Support			Length × I.D.	Material	Price (Yen)
				Support	Application	Treatment			
ZP-2	Alcohols in the liquor	PEG 6000	10	SHINCARBON A	60 – 80		2.1 m × 3.2 mm	Glass	54,200
ZP-3		PEG 20M	10	SHINCARBON A	60 – 80		2.1 m × 3.2 mm	Glass	54,200
ZS-2	Organic solvents in the air	SBS-120	12	SHINCARBON A	80 – 100		3.1 m × 3.2 mm	Glass	66,800
ZT-3	PEG300 aqueous solution, etc..	Thermon-3000	2	SHINCARBON A	60 – 80		2.1 m × 3.2 mm	Glass	62,600
ZT-2	Lactic acid and Lower free fatty acids in water	Thermon-3000	5	SHINCARBON A	60 – 80		1.6 m × 3.2 mm	Glass	58,600
ZF-1	Lower free fatty acids and Aldehyde in water	FAL-M	10	SHINCARBON A	80 – 100		2.1 m × 3.2 mm	Glass	71,000
	Formalin and Lower						3.1 m × 3.2		

ZT-7	Alcohols	TSG-1	15	SHINCARBON A	60 – 80	mm	Glass	71,800
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The Glass column for the analysis of Lower alcohols in Water and Lower amines in Air

P/N	Application	Stationary Phases	%	Support	Length × I.D.	Material	Price (Yen)
ZT-1	Lower alcohols In water	Thermon-1000	5	Sunpak-A	2.1 m × 3.2 mm	Glass	50,200
ZT-4	Lower Amines in the air	Thermon-3000+KOH	5+1	Sunpak-A	2.1 m × 3.2 mm	Glass	52,600

Glass Column for Sulfur Compounds in Lower Hydrocarbons Analysis

P/N	Application	Packing Material	Mesh size	Length × I.D.	Material	Price (Yen)
ZS-70	Sulfide sulfurization Carbonium in Lower Hydrocarbons C ₁ – C ₄	Sunpak-S	80 – 100	2.1 m × 3.2 mm	Glass	72,000

Stainless Steel Column for Parmanent Gases Analysis

P/N	Application	Packing Material	Mesh Size	Length × I.D.	Material	Price (Yen)
ZT-10		Reference column (Shimalite Q)	100 – 180	0.5 m × 3 mm	Sus	18,600

Parallel Separation Column (with test data)

P/N	Application	Packing Material	Mesh Size	Length × I.D.	Material	Price (Yen)
ZY-1	O ₂ , N ₂ , CO, CO ₂ , CH ₄	Molecular Siere 5A	60 – 80	2.5 m × 3 mm	SUS	104,000
		Porapak Q	80 – 100	1.5 m × 3 mm	SUS	
		Shimalite Q	100 – 180	0.5 m × 3 mm	SUS	
ZY-2	H ₂ , O ₂ , N ₂ , CO, CO ₂ , CH ₄	Molecular Siere 5A	60 – 80	3 m × 3 mm	SUS	104,000
		Porapak Q	80 – 100	1.5 m × 3 mm	SUS	
		Shimalite Q	100 – 180	0.5 m × 3 mm	SUS	

