Example Upgrades and Accessories for Your Rigaku System

A few ideas for putting your remaining 2026 budget to good use

The unit price ranges from under $100 to several thousand dollars
These are just examples, not a complete list of available accessories, upgrades, and services. You do not need to choose from this list or check compatibility yourself. Tell Marshall what you want to accomplish and how much budget you have left. He will identify suitable options for your Rigaku system. He can put together a quote that fits your needs, typically within three business days.

XRD upgrades and accessories

XRD Sample Holders	Sample Area	Depth	Item #	Price
front-load-zero-background-well	3 mm	0.2 mm	1018370	$623.56
front-load-zero-background-well	3 mm	0.5 mm	1018371	$625.18
front-load-zero-background-well	3 mm	0.7 mm	1018372	$510.55
front-load-zero-background-well	5 mm	0.2 mm	1016621	$668.42
front-load-zero-background-well	10 mm	0.1 mm	1015908	$699.61
front-load-zero-background-well	10 mm	0.2 mm	1000207	$717.62
front-load-zero-background-well	10 mm	0.7 mm	1018585	$557.15
low-background-insert-for-airtight-sample-holder	5 x 0.1 (mm)		1028288	$476.08
low-background-insert-for-airtight-sample-holder	10 x 0.5 (mm)		1028287	$476.08
round-respirable-silica	Flush		900009	$126.00
front-load-glass-cavity-rectangular	20mmx20mm	0.2 mm	901887	$276.75
front-load-glass-cavity-rectangular	20mmx20mm	0.4 mm	1003070	$70.84
front-load-glass-cavity-rectangular	20mmx20mm	0.5 mm	901888	$485.78
front-load-zero-background-flush-rectangular	Flush		906161	$290.16
front-load-zero-background-indent-rectangular	23mm	0.2 mm	1001084	$297.72
front-load-zero-background-indent-rectangular	23mm	0.5 mm	1001086	$349.30
front-load-zero-background-well-rectangular	3 mm	0.2 mm	1018386	$723.19
front-load-zero-background-well-rectangular	3 mm	0.5 mm	1018387	$727.94
front-load-zero-background-well-rectangular	3 mm	0.7 mm	906164	$536.13
front-load-zero-background-well-rectangular	5 mm	0.2 mm	906162	$609.40
front-load-zero-background-well-rectangular	10 mm	0.1 mm	1018388	$760.55
front-load-zero-background-well-rectangular	10 mm	0.2 mm	906163	$656.75
front-load-al-cavity-rectangular	23mmx23mm	0.5mm	1005130	$106.35
adapter	32mm Round Sample		905877	$150.66
side-load	15mmx15mm		1005365	$166.30
sample-preparation-kit-for-xrd	Round Samples		900011	$728.00
back-loading	23mm round	Through	900003	$72.00
front-load-zero-background-indent	23mm round	0.1 mm	906169	$299.02
front-load-zero-background-indent	23mm round	0.5 mm	906168	$303.99

front-load-zero-background-indent	23mm round	0.2 mm	906167	$302.10
front-load-zero-background-indent	23mm round	Flush	906165	$307.48
front-load-zero-background-indent	23mm round	1.0 mm	1018376	$297.04
front-load-zero-background-indent	23mm round	2.0 mm	1012346	$295.22
front-load-al-cavity	24mm Round	0.2 mm	900007	$108.77
front-load-al-cavity	24mm Round	0.5 mm	900008	$71.00
front-load-al-cavity	24mm Round	1.0 mm	900006	$100.56
front-load-al-cavity	24mm Round	2.0 mm	900005	$75.54

Air Sensitive/Tight Sample Holders	Sample Area	Depth	Item #	Price
Air Sensitive Standard Powder	18mm Round	0.5mm	A00004903	Contact
Air Tight Standard Powder Aluminum w/Knife Edge	16mm	0.4mm	A00012148	Call
	16mm	0.3mm		
	10mm	0.4mm		
	10mm	0.3mm		
	10mmx12mm	0.4mm		
	10mmx12mm	0.3mm		
Air Tight Standard Powder Si510 w/Knife Edge optional inserts	14mm	0.1mm	A00012154	Contact
	10mm	0.5mm	A00012156	
	5mm	0.4mm	A00012155	
Air Tight Standard Powder Aluminum without Knife Edge	16mm	0.4mm	A00012147	
	16mm	0.3mm		
	10mm	0.4mm		
	10mm	0.3mm		Contact
	10mmx12mm	0.4mm		
	10mmx12mm	0.3mm		
Air Tight Standard Powder Si510 without Knife Edge optional inserts	14mm	0.1mm	A00012154	
	10mm	0.5mm	A00012156	
	5mm	0.1mm	A00012155	
Air Tight Standard Thin Film Aluminum	16mm	0.4mm	A00016010	Contact
	16mm	0.3mm		
	10mm	0.4mm		
	10mm	0.3mm		
	10mmx12mm	0.4mm		
	10mmx12mm	0.3mm		
Air Sensitive ASC Powder Si510+ PC Dome	10mm	0.2mm	A00006076	Contact
Air Sensitive ASC Powder Al+PC Dome	24mm	0.5mm	A00006592	
Air Sensitive ASC Powder Al+Acrylic Dome	15.8mm	1mm	1015193	
Air Sensitive ASC Powder Si510+Acrylic Dome	10mm	0.1mm	1015910	
Air Sensitive ASC Powder Si510+Acrylic Dome	5mm	0.1mm	1014778	
Air Sensitive ASC Powder Al+Be Window	23mm	1.25mm	900010	

Air Sensitive ASC Powder Si510+Be Window	5mm	0.2mm	905876	
Air Tight ASC Powder without Knife Edge Al	10mm	0.5mm	A0012809	Contact
Air Tight ASC Powder without Knife Edge Si510	5mm	0.1mm		
Air Tight ASC Powder without Knife Edge Si510 Insert	14mm	0.1mm	M00032433	
Air Tight ASC Powder without Knife Edge Si510	10mm	0.5mm	M00032419	
Air Tight ASC Powder with Knife Edge Al	10mm	0.5mm	A00012149	Contact
	5mm	0.1mm		
Air Tight ASC Powder with Knife Edge Al optional Inserts Si510	14mm	0.1mm	M00032433	Contact
	10mm	0.5mm	M00032419	
Air Tight ASC Powder Tooless without Knife Edge Al	10mm	0.5mm	A00016012	
Air Tight ASC Powder Tooless without Knife Edge Si510	5mm	0.1mm		
Air Tight ASC Powder Tooless w/ Knife Edge Al	10mm	0.5mm	A00016013	
Air Tight ASC Powder Tooless w/ Knife Edge Si510	5mm	0.1mm		

High Temperature Stages	Temperature	Atmosphere	Cooling	Price
SHT-1500	1500 C	Air, Vacuum, Inert Gas	Water	Contact
Reactor X	1000 C @300 C/min	Air, Vacuum, Inert Gas, Reactive Gas	Water	
BTS-500	500 C	Air, Vacuum, Nitrogen, Inert Gas	Air	

XRF upgrades and accessories

Primus Series	Item #	Price
Sample Cups	1032554	$485.00
EZ Load Sample Cups	1029007	$750.00
Standard Sample Masks	Specify size	$270.00
Mapping Sample Masks	Specify size	$650.00
Sample Trays	1027418	$1,105.00
Air Curtain	1035470	$7,500.00
UPS Battery Back-up/Power Conditioning	System specific	Contact
Auto Shutdown	System-specific	Contact

Supermini	Item #	Price
Sample Cups	1032769	$523.00
Air Curtain	1031453	$6,500.00
UPS Battery Back-up/Power Conditioning	System-specific	Contact
Auto Shutdown	System-specific	Contact