Table of calcination testing equipment

Product name		Closed Type Batch Rotary Kiln	Open Type Batch Rotary Kiln	External Heating Type Rotary Kiln	Ceramic Type Rotary Kiln
Processing method		Batch processing	Batch processing	Continuous processing	Continuous processing
Features		 Calcination time can be adjusted Hydrogen reduction process is possible 	· Calcinatuin status can be visually observed	· The calcination retort has a hexagon form and due to the agitation, calcination irregularities are reduced.	· Metal contamination-free and high temperature operation
Processes (examples)		Calcination, Heat treatment, Oxidation, Reduction	Confirmation of fluidity, adhesion,reaction status, etc,	Calcination, Heat treatment, Oxidation, Carbonization, Dry distillation, Activation	Calcination, Heat treatment, Oxidation
Specifications of testing equipment	Heat source	External heating type (electric furnace)			
	Heating Temperature [°C]	~ 1,000	~ 1,000	~ 900	~ 1,300
	Throughput	Batch : 0.3 ~ 4 [L]	Batch : 0.2 [L]	Continuous: $5 \sim 20 \text{ [L / h]}$	Continuous: 0.1 ~ 20 [L ∕ h]
	Calcining time [h]	Adjustable	Adjustable	~2	~ 2
	Atmosphere	A tmospheric air, Inert gas, Hydrogen, etc,	A tmospheric air	A tmospheric air, Inert gas	A tmospheric air
	Material	SUS310S	SUS310S、SiC、Mullite	SUS310S	SiC
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