

SINCE 1889



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SPRAY DRYER APPLICATIONS

CHEMICAL INDUSTRY



Yamato ADL Series Compact & Economical Spray Dryer
ADL311SA

Sample	Microorganisms, Agar, Water	
Parameters	Inlet	180
	Outlet	63~82
	Blower Rate	0.4
Recovery Rate	82.5	

Sample	Carbon, Water, Binder	
Parameters	Inlet	160
	Outlet	78~85
	Blower Rate	0.5
Recovery Rate	89.3	



Yamato ADL Series Compact & Economical Spray Dryer
+ Yamato GAS410 Organic Solvent Recovery System

ADL311SA + GAS410

Sample **Metalized Polyester + Ethanol**

Parameters Inlet 160
 Outlet 89~101
 Blower Rate 0.5

Recovery Rate **99.2**

Sample **Lithium, Aluminum, Germanium, Phosphorus,
Cobalt, Carbon**

Parameters Inlet 180
 Outlet 78~88
 Blower Rate 0.4

Recovery Rate **82.9**

Sample **Lithium, Aluminum, Germanium**

Parameters Inlet 170
 Outlet 78~96
 Blower Rate 0.40

Recovery Rate **47.8**



Yamato GB210A Versatile Mini Spray Dryer
+ Yamato GAS410 Organic Solvent Recovery System

GB210A + GAS410

Sample	Nitride	
Parameters	Inlet	130
	Outlet	83~85
	Blower Rate	0.4~0.41
Recovery Rate	72.74	



Yamato DL410 Large Capacity Spray Dryer

DL410

Sample	Ferrite powder	
Parameters	Inlet	250
	Outlet	78~86
	Blower Rate	0.50
Recovery Rate	96	

Sample	Ferrite, PVA, Water, Dispersed liquid	
Parameters	Inlet	250
	Outlet	92~96
	Blower Rate	0.10
Recovery Rate	95	



Yamato DL410 Large Capacity Spray Dryer

DL410

Sample	Carbon, Water, Binder	
Parameters	Inlet	240
	Outlet	93~110
	Blower Rate	0.4
Recovery Rate	83.7	

Sample	MnZn Ferrites, PVA, Water	
Parameters	Inlet	200
	Outlet	77~80
	Blower Rate	0.41~0.43
Recovery Rate	78	

Sample	Iron metal powder	
Parameters	Inlet	250
	Outlet	95~101
	Blower Rate	0.44~0.46
Recovery Rate	67.8	



Yamato DL410 Large Capacity Spray Dryer

DL410

Sample	Latex emulsion	
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Parameters	Inlet	200
	Outlet	78~81
	Blower Rate	0.60

Recovery Rate	89.10
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Sample	Water, Metal powder	
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Parameters	Inlet	250
	Outlet	77~82
	Blower Rate	0.48~0.50

Recovery Rate	85.07
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