Dryer, Spray



Model

GA32



 Inlet temperature, outlet temperature and drying air volume are displayed digitally.
Condition setting dials and stage level control switch are located on the front panel for easy use.



In this Spray Dryer, the sample are dried and transformed into a uniform fine powder of amorphous form, so both its solubility and reactivity are extremely high in comparison to crystal.

Obtained powder (example)



A small sized dryer for laboratory use which produces uniformalized fine particles.

The GA32 is a compact spray dryer using a spray dry method which enables simple use for laboratory experiments. It can be used for a wide variety of drying operations, from preliminary examinations for pilot plants to drying operation in general laboratories.

- No danger of damaging foodstuffs, medical products and products that are sensitive to biochemical-heat.
- No oxidation takes place and the water content of the formed powders is low, so that there is no contamination.
- Even a solid body of ca.0.5g can be dried.



Easy operation and maintenance



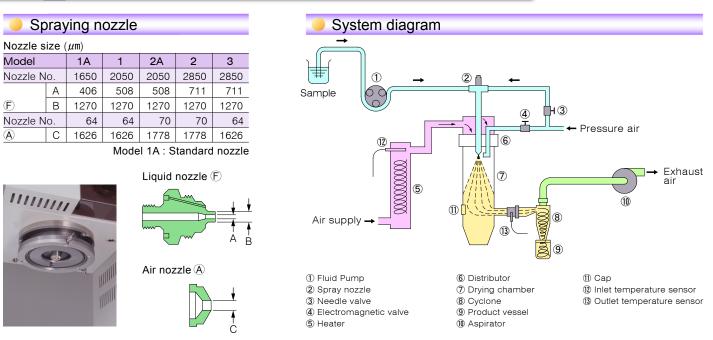
- Inlet temperature, outlet temperature and drying air volume are displayed digitally. Condition setting dials and stage level control switch are located on the front panel for easy use.
- Drying chamber, cyclone, product vessel can be easily detached and cleaned.





Dryer, Spray

♥ **Uamato** "Pulvis Mini-Spray"



Specifications

Model	GB22 (Basic Unit)
Structure	
Heater	2 kW
Aspirator	Bypass-type blower
Sample liquid feed pump	Quantitative peristaltic pump, flow rate variable up to $28\pi\ell/min$.
Stirring system	Using an induction motor
Compressed air blowing system	Pulse jet system, an electromagnetic valve and electronic timer
Temperature control range	40°C ~200°C
Temperature control accuracy	± 1℃
Temperature setting and display method	Digital
Dry air flow meter	Digital display
Spray pressure gauge	Burdon tube pressure gauge, measurement range : $0 \sim 294 \text{kPa} (0 \sim 3 \text{kg/cm}^2)$
Standard	
Power source (50/60Hz)	AC 200/230V, single phase
	14A/13A
External dimensions(W × D × Hmm)	760×420×1,350
Weight	Approx. 110kg

Model	GF32 (Pulvis Mini Bed Attachment)
Structure and Standard	
Water evaporation rate	Max. approx. 1,300ml/H
Spray nozzle	Two-liquid nozzle, 1A
Drying chamber	Super-hard glass
Cyclone	Super-hard glass
Product vessel	Super-hard glass
Nozzle orifice cleaning	Pulse jet system (using a compressed air blowing system of Model GB22)
Weight	Approx. 11kg



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