



VAPORIZER

Vaporizer TT-6304V

Vaporizer vials can be used to collect samples for heating vaporization, suitable for standard weight solid or semi-solid samples such as plastic particles, toner, inorganic salts, battery separators, liquid crystals, coatings, food, pharmaceuticals, and more.

Operating principle: The water in the sample is vaporized using a heater, and the water is transported into the reaction bottle by high-purity nitrogen as the carrier gas to participate in the Karl Fischer reaction, allowing the determination of the water content in the solid.

APPLICATIONS

The Torontech Vaporizer TT-6304V is used to collect samples for heating vaporization. [1]It is suitable for standard weight solid or semi-solid samples, including:

- Plastic particles
- Toner
- Inorganic salts
- Battery separators
- Liquid crystals
- Coatings
- Food
- Pharmaceuticals

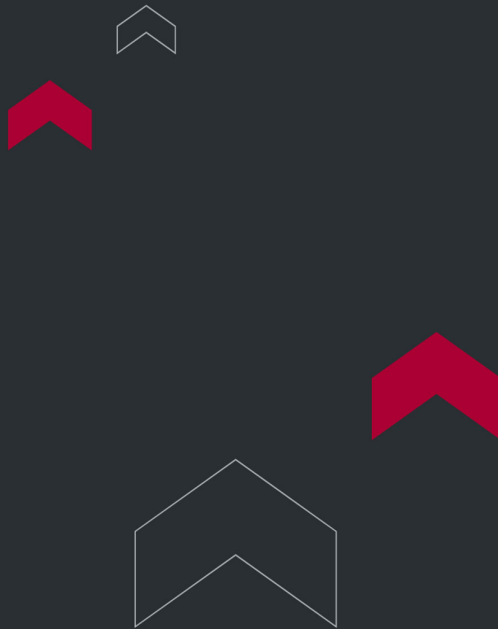
TECHNICAL SPECIFICATIONS

1. Temperature Range: 70~300℃ (at an ambient temperature of 25℃).
2. Heating Mode: Aluminum block heater.
3. Sample Volume: Weight is less than 10g or volume is less than 2.5ml (vial capacity is 10ml).
4. Temperature Control: PID.
5. Carrier Gas: Nitrogen (with water content 0.01% or below), flow velocity 0.1 ~ 0.5 L/min.
6. Power Supply Requirement: AC100/120V (50/60Hz) 140VA, AC220/240V (50/60Hz) 280VA (110V also available).
7. Dimensions: 300*130*240mm (W*D*H). 8. Weight: 4kg.

Packing List

No.	Item	Quantity	Remark
1	Main Unit	1	
2	Drying tube	1	
3	Power cable	1	
4	Tube-type heater	1	
5	Dedicate adapter for Tube-type heater 24V 4A	1	Optional
6	Carrier gas circuit 1/8" 3/4"	3 meters	
7	PTFE tube	0.5 meters	
8	PTFE tube 1/8" with 1/4" connector	0.3 meters	
9	Spiral vial 10ml	100	

10	Vial cap (with pad) 1/4"	100	
11	1/8" PTFE connector	2	
12	Fuse 5*20 30A	2	
13	Molecular sieve	500g	



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