



MS-DM



DM608, DM609

Heating mantles for the round bottom flask
 Max. temperature : 450°C
 Accurate temperature control by PID auto-tuning function(built-in timer)
 Ceramic fiber with strong thermal resistance

Features

Heating mantle of the standard type with built-in temperature controller and easy to use

By use of the temperature controller with function of the built in digital PID auto-tuning, control temperature accurately and confirm set temperature and actual temperature at the same time

Temperature controller with function of the built-in timer(99hr59min)

Inner mantle part of the heating element consists of soft glass fiber, protected from damage of the flask and excellent contact between the heating element and flask and heating effectiveness is excellent

Ceramic fiber with strong thermal-resistance has excellent thermal insulation and double housing design (DM601~DM607) maintains low temperature of the mantle surface for user's safety

With thermal resistance and durability bearing at the inner temperature over 450°C, strong aluminum housing and powder coating with corrosion-proof

External temperature sensor(Optional) for the control of the sample temperature and the precise experiment

General Specifications

Heating Element Temperature : Up to 450°C max.

Temp. Controller: Digital PID auto-tuning

Timer: 99hr59min

Temp. Accuracy : $\pm 1^\circ\text{C}$ (on using external sensor)

Sensor: K type

Thermal Insulation : Ceramic fiber

Material { Mantle : Powder coated aluminum case.
 Body : Polypropylene.

Support rod clamp : For 12.7mm dia. Support rod (with 100ml-5000ml)

Support rod : Stainless steel, $\varnothing 12.7 \times 400\text{mm}$ (Option)

Power supply : 220V or 110V, 50/60HZ

Model	Capacity	Watts	Dimensions W x D x H(mm)	Internal height : mm	Weight (Kg)	Price
DM 601	100 ml	80	162x256x149	45	1.5	
DM 602	250ml	150	162x256x162	60	1.6	
DM 603	500ml	260	192x276x177	75	1.9	
DM 604	1000ml	380	214x298x187	85	2.2	
DM 605	2000ml	500	248x332x214	115	2.8	
DM 606	3000ml	600	274x358x220	125	3.5	
DM 607	5000ml	800	316x400x244	145	3.9	
DM 608	10000ml	1300	390x470x250			
DM 609	20000ml	2000	460x540x290			

Note : DM608, DM609

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