

Product Introduction ■

○ Array Water Bath Refluxer

—Auto water bath heating and reflux solution



Hydrolysis &
Saponification &
Methyl
Esterification



Array water bath refluxer is an automated solution for water bath heating and reflux experiment. It can process 6 samples at the same time, and the glass condenser can automatically rise and fall, making sample replacement easier. It not only equips a heating water bath, but also a cold water bath, which can quickly cool the processed samples, rapid cooling to room temperature.



Typical Application

Sample preparation for detection of fatty acids in food, detection of starch in food, detection of Vitamin A, D, E in food, total esters in liquor.

○ Intermittent stirring—easy for hydrolysis

6-position magnetic stirrer are equipped by AF6M and AF6DM, which can work continuously or interrupt, stirring every 10 minutes to make the sample hydrolysis easier.

○Cooling and heating dual bath-comply with standards

AF6D、AF6DM not only equips a hot water bath heating from room temperature to 100 °C which can saponify the fat. Besides, samples can be cooled to room temperature within 50 seconds by 5°C cold water bath which fully meets the standard requirements.

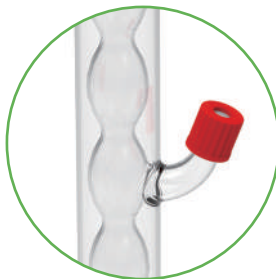
○Intelligent raise and fall-easy for sample replacement

AF6 glass condenser can be controlled automatically rise and fall, which is convenient for sample replacement. At the same time, AF6 can setting it's working time. Glass condenser can automatically rise once times up.



○Middle liquid adding-Proper operating height

AF6 uniquely designed glass condenser has a liquid filling port in the middle part, proper height of the liquid filling port, suitable for adding boron fluoride methanol solution.



○Integrated pipeline—Cleaner laboratory

The glass condenser and the cold water bath share one water chiller, and the cooling water pipeline connected with a quick-plug connector to keep the lab clean.

○Exhaust collection pipe—save fume hood space

In the case of insufficient lab fume hood space, Array water bath refluxer can be connected with an exhaust collection pipe so that harmful exhaust gas can be discharged to the fume hood and the instrument does not need to be placed into fume hood, which greatly saves the fume hood space.

Parameter	AF6	AF6M	AF6D	AF6DM
Sample capacity	6 pcs	6 pcs	6 pcs	6 pcs
Bottle thread	Standard 24/29 thread	Standard 24/29 thread	Standard 24/29 thread	Standard 24/29 thread
Bottle volume	150、250ml	150、250ml	150、250ml	150、250ml
☆Water bath	Single heating bath	Single heating bath	Double heating and cooling bath	Double heating and cooling bath
Temperature range of heating bath	Room temperature~100℃	Room temperature~100℃	Room temperature~100℃	Room temperature~100℃
Temperature range of heating bath	± 1℃	± 1℃	± 1℃	± 1℃
Temperature range of cooling bath	5℃~10℃	5℃~10℃	5℃~10℃	5℃~10℃
* Automatic rise and fall	Available	Available	Available	Available
* Sample timing range	0~999min adjustable	0~999min adjustable	0~999min adjustable	0~999min adjustable
* Filling from the middle of condenser	Available	Available	Available	Available
Magnetic stirring in hot water bath	—	Available	—	Available
Magnetic stirring speed	—	0-2000 round/min Adjustable	—	0-2000 round/min Adjustable
Intermittent stirring	—	Available	—	Available
Chiller	T3	T3	T3B	T3B
Voltage	AC220V 50/60Hz	AC220V 50/60Hz	AC220V 50/60Hz	AC220V 50/60Hz
Overall dimension	L1200mm*W350mm*H930mm			