

# Дигесторы серии МВС

## Технические характеристики

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## MBC Series

### COMPACT BLOCK DIGESTION SYSTEM

Efficient, versatile and scalable block digestion for safe Kjeldahl digestions and much more.

#### APPLICATIONS



Food industry



Animal feed



Environmental analysis



Pharmaceutical industry



Chemical industry



#### BENEFITS



Designed to sustain many years of laboratory work, fabricated with excellent construction materials, featuring a stainless steel exterior cabinet.



5" colour touchscreen and Wi-Fi connection for analysis of results on RAYPAnet.



Wide selection of models ranging from 6 to 40 sample positions compatible with 100 & 250mL sample tubes.



Microprocessor with 10 programs, whose names can be customized in accordance with different application notes and configured with up to 10 segments.

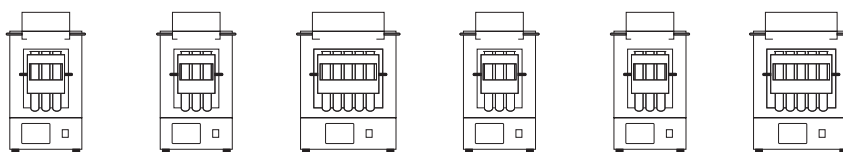


Fast and safe handling of samples.



Programmable start-up by date, hour and minute.

## SPECIFICATIONS



References	MBC-6 TS	MBC-12 TS	MBC-20 TS	MBCM-12 TS	MBCM-24 TS	MBCM-40 TS
External dimensions L x D x H mm	350 x 400 x 635	350 x 560 x 635	460 x 560 x 635	350 x 400 x 635	350 x 560 x 635	460 x 560 x 635
Power W	1500	2000	2500	1500	2000	2500
Voltage* V	230	230	230	230	230	230
Weight Kg	27	38	47	30	39	48
Frequency Hz	50/60	50/60	50/60	50/60	50/60	50/60
Sample positions	6	12	20	12	24	40
Compatible sample tubes mL	250	250	250	100	100	100
Adjustable temperature range °C	45 - 450	45 - 450	45 - 450	45 - 450	45 - 450	45 - 450
Temperature stability at 400°C	±1	±1	±1	±1	±1	±1
Homogeneity at 420°C	±5	±5	±5	±5	±5	±5

\*Other voltages and electrical configurations available on request.

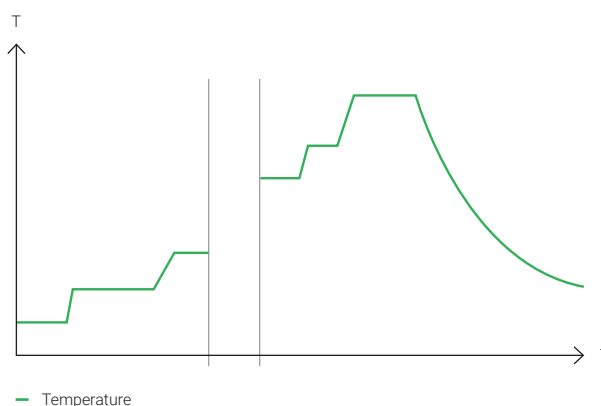
## DESCRIPTION

- Sample tube rack, back support, anti-drip tray, gases collector and heating block cover made of AISI-304 stainless steel.
- Aluminium heating block with rock wool and ceramic fibre insulation. Heating block cover with Halar® resin coating.
- Vertically integrated gases collector, mobile sample tube rack and back support with cooling position to speed up cooling after digestion.
- The tube rack has heat insulated handles and an acid anti-drip tray.
- A microprocessor controls the equipment which features a 5" LCD display and Wi-Fi connection for analysis of results on RAYPAnet.
- Auto start-up programmable by date, hour and minute.
- Safety thermostat to prevent overheating.
- Microprocessor with 10 programs, whose names can be customized in accordance with different application notes and configured with up to 10 temperature segments. Each segment is adjustable by target temperature, maintenance time and transition time.
- Visual and acoustic alarms and error messages for overheating, temperature out of range, heating error and temperature probe failure.
- Access port for external validation temperature probe.
- Ideal for use in conjunction with our fumes neutralization system SCRUBBER. Equipped with a specific connection so the devices can be used together.
- Supplied with heating block, gases collector, anti-drip tray, sample tube support, back support, sample tube rack and a complete set of 100 or 250mL sample tubes.

## OPERATION

MBC Series digesters programs can be configured with a delayed start time and up to 10 time segments in one program for applications requiring temperature ramps.

Each time segment is independently configured for three parameters: the time the target temperature is maintained once the segment is reached, the time taken to reach the temperature of the next segment and the target temperature of each segment.



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