

MICROJET



# World's Fastest Autoclave





# MICROJET

## Compact.

Compact design, small-scale dimensions and low weight allow MICROJET to be installed literally everywhere – all you need is an electrical socket.

## Personal.

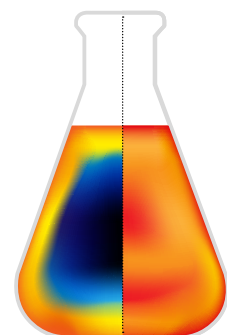
Always available for you to use. 24 h a day, 7 days a week. You no longer have to wait to sterilize the needed media.

## Rapid.

Owing to the application of Direct Energy Transfer technology, the sterilization of liquid media takes a very short time – as short as it takes to have a cup of coffee.







TRADITIONAL  
STERILIZATION

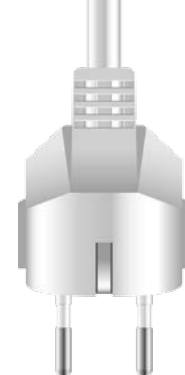
MICROWAVE  
STERILIZATION

7 min TOTAL TIME  
OF STERILIZATION



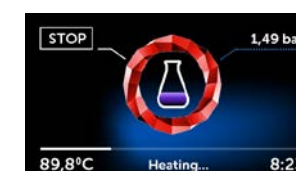
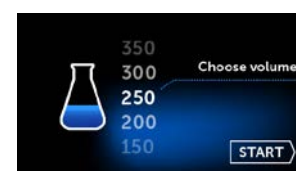
In comparison with the traditional steam autoclave, sterilization takes 5 times less time, while the exposure to high temperatures is very short (60-90 seconds). This minimises the decomposition of microbiological medium.

## Plug and work



Operation of the MICROJET autoclave is intuitive, does not require additional training. All you need is a standard electrical socket. Just plug it in and start to work. As simple as that.

## Touchscreen



All functions are operated from the touchscreen; the touchscreen displays also progress of the sterilization process.



## Standard vessels

Liquid media such as microbiological media, buffer solutions, carbohydrate solutions or water can be sterilized in standard laboratory vessels of 100 to 500 ml capacity and temperature resistant up to 135°C (glass or plastic – PMP, PP, PTFE, FEP).



## Data logging

Each sterilization operation is automatically stored on a memory card. As the data is stored in a format compatible with GLP it can be copied to any PC and read using the inclusive ENBIO Data Viewer software.





## Priced to change the rules

The revolutionary price of the MICROJET autoclave allows every staff member in the lab to have one on his disposal.



## Express process

Ease of use and very short sterilization times make the preparation of sterile liquid media as simple as coffee making. And it does not take much more.

## Quality guarantee

MICROJET autoclaves have a standard 24-month warranty.



## Compact dimensions

Owing to small dimensions, the MICROJET autoclaves can be placed anywhere, thus saving precious space in the lab.

## Instant availability

Order your MICROJET autoclave – by phone or online at [www.enbiogroup.eu](http://www.enbiogroup.eu)



## More than white

The housing of MICROJET autoclave is available in various colours – choose your favourite.



## Free demonstration

Our expert can visit your company or laboratory to demonstrate - free of charge - the operation of the MICROJET autoclave. Contact us or find your local distributor at our website [www.enbiogroup.eu/kontakt](http://www.enbiogroup.eu/kontakt)



### STERILIZATION TECHNOLOGY

Direct Energy Transfer – a liquid medium inserted in the operation chamber is heated directly by the microwave beam.

### VESSELS

Standard laboratory flasks and bottles, made of glass or plastic, resistant to temperatures up to 135 °C

### PROCESS PARAMETERS

Sterilization temperature	135°C
Exposure time to sterilization temperature	80 s
Heating time	1,5-4,5 min
Cooling time	ok. 4-8 min
Process duration (from inserting to removing the vessel)	7-12,5 min
Temperature after process completion	95°C

### SPECIFICATIONS

Power supply	230V/50Hz
Power output	0,95 kW
Maximum power consumption	8 A
Operating pressure	3,6 bar
Pressure maximum	5 bar
Weight	15 kg
Process chamber capacity	2 dm <sup>3</sup>
EM wave frequency	2450 MHz
Protection	IP 20
Data logging	microSD card