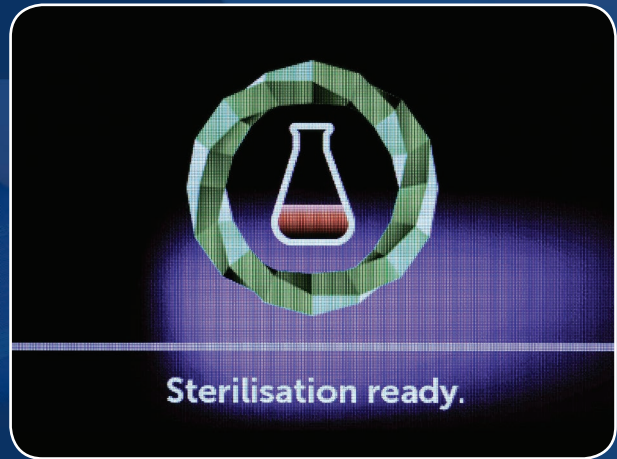


Portable
Medj 500
Jet
135°C
Touchscreen

Plug & Play
Fastest Mediapreparator
Microwave-
Technology
Standard Vessels



Plug and Play



Process Duration 7-15 Minutes

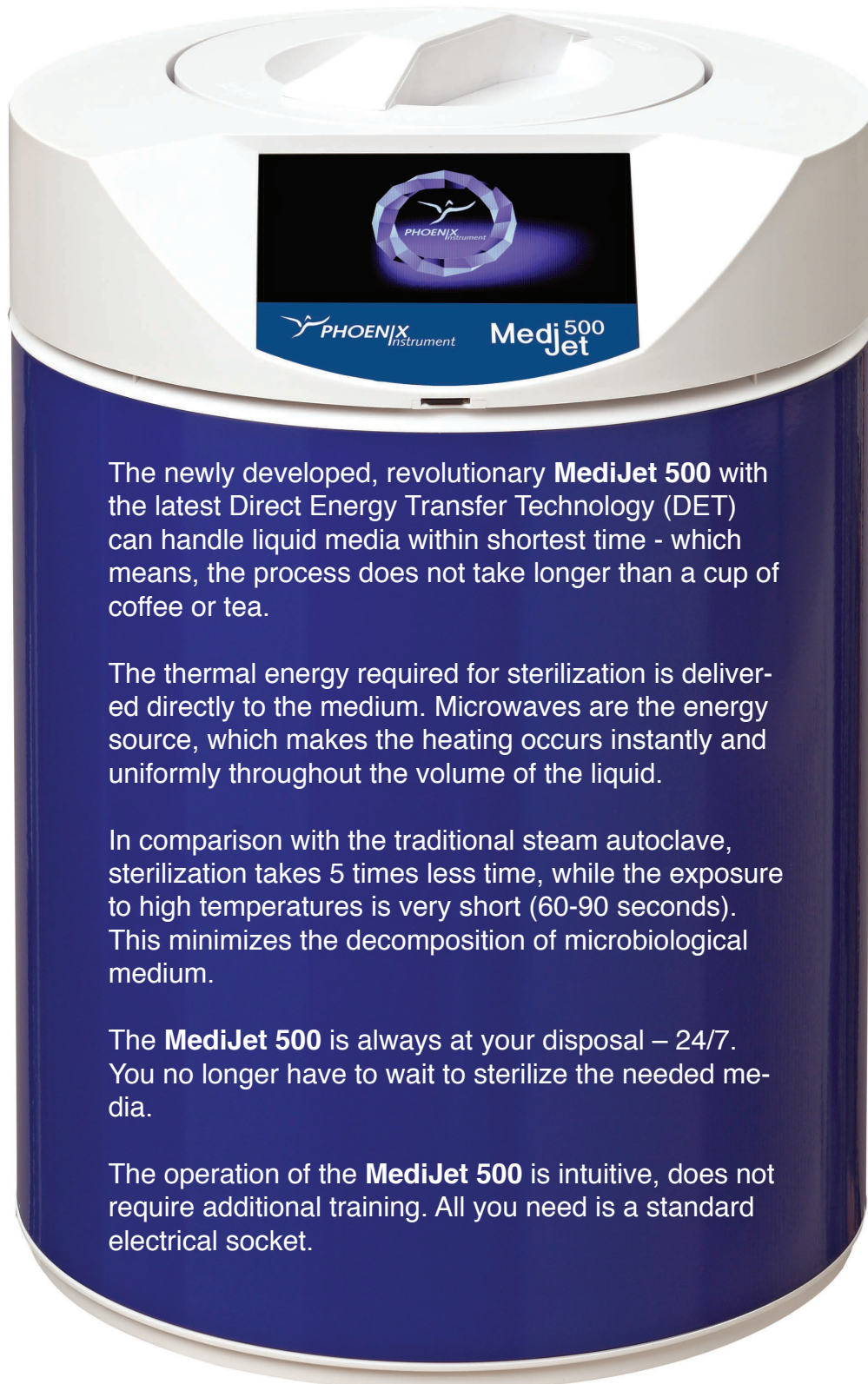


Touchscreen



Memory-Card Slot

MediJet 500



The newly developed, revolutionary **MediJet 500** with the latest Direct Energy Transfer Technology (DET) can handle liquid media within shortest time - which means, the process does not take longer than a cup of coffee or tea.

The thermal energy required for sterilization is delivered directly to the medium. Microwaves are the energy source, which makes the heating occurs instantly and uniformly throughout the volume of the liquid.

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 minimizes the decomposition of microbiological medium.

The **MediJet 500** is always at your disposal – 24/7. You no longer have to wait to sterilize the needed media.

The operation of the **MediJet 500** is intuitive, does not require additional training. All you need is a standard electrical socket.

MediJet⁵⁰⁰



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



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 Data Viewer software.

Technical Data

Max. volume
Sterilization temperature
Heating time
Cooling time
Temperature after process completion
Process duration
Working pressure
Weight
Electromagnetic waves frequency

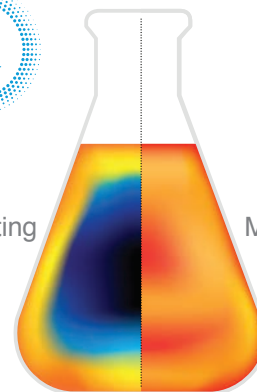
MediJet 500

500 ml
135° C
1,5-4,5 Min.
4-12 Min.
95°C
7-15 Min.
3,6 bar
15 kg
2450 MHz

Medj 500 Jet

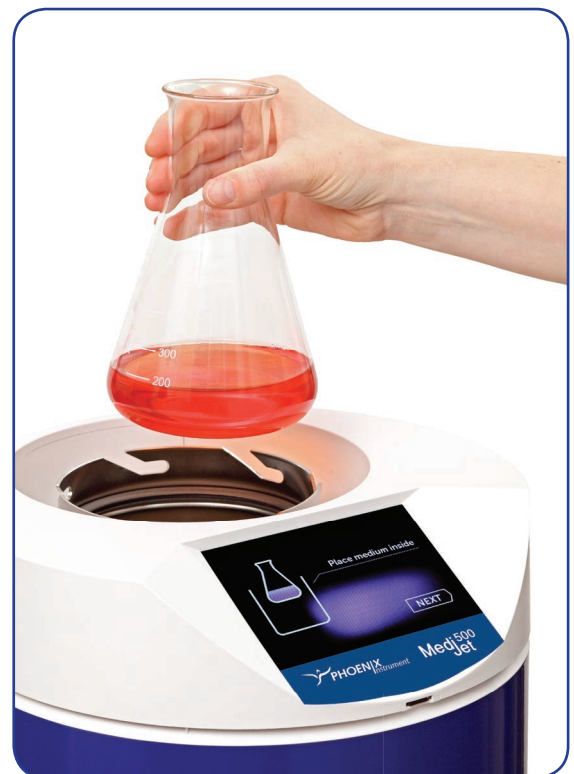


Usual Heating



Microwave

The thermal energy required for sterilization is delivered directly to the medium.



For use with standard vessels

Medj 500 Jet

Step by Step Guideline

All functions are operated from the touch-screen step by step. The screen displays also progress of the sterilization process. Duration 7 to 15 Minutes.



Indicators

On demand we provide biological indicators for monitoring the sterilization of liquids in small containers.

In addition to Mediapreparators Phoenix Instrument also offers Rotary Evaporator, Balances, Centrifuges, Liquid Handling, Stirrer, Mixer, Shakers, Incubators and Ovens

