

Instruction Autoclave



- B: door
- C: touch screen
- D: door handle
- F: main switch on/off, emergency stop

The autoclave has two main programs:

1. Programs

▲ **Do not mix solids and liquids in any program.** Doing so will cause liquid bottles to explode upon opening the door, posing a significant danger to you and your surroundings.

▲ **Autoclaving contaminated material is not allowed** (e.g. material in contact with or containing cells, bacteria, viruses, ...). There is no HEPA filter installed within these autoclaves.

1.1 Liquids

- Add liquids to the autoclave. Do not mix with solids.
- Bottles need to be **slightly open** during the autoclaving process.
 - ▲ **Fully closed bottles can explode during the autoclaving process.**
- Always use a reference bottle containing the same amount of liquid as your largest bottle, and place the temperature sensor inside to ensure the correct temperature is reached.
 - ▲ **Do not bend the temperature sensor or jam it in the door.**
- Select the program **8 LIQUID**.



1.2 Solids

- Add the solids into the autoclave (e.g. empty glasses).
 - ▲ **Do not mix with liquids.** See above.
- Select the program **1 SOLID**.
- Confirm the security query by entering with the PIN "1000".

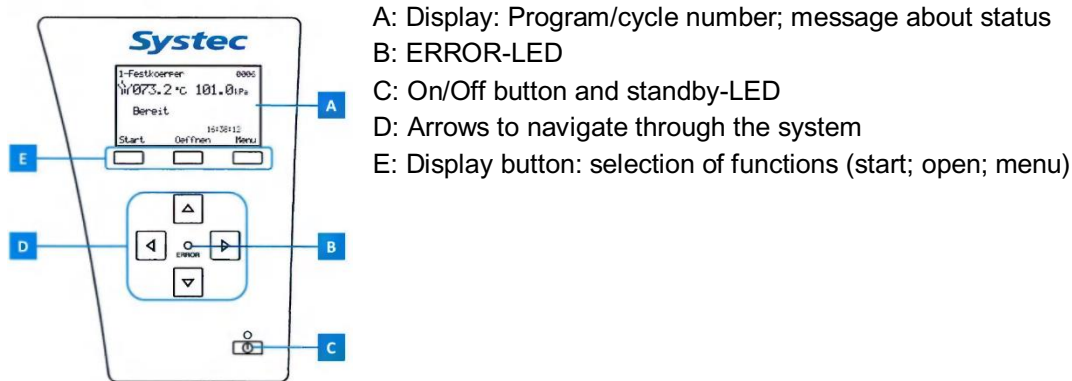
prolongation of dry time 40 minutes (e.g. glass pipettes, tip boxes)

- Add the solids into the autoclave (e.g. tip boxes, empty glasses).
 - ▲ **Do not mix with liquids.** See above.
- Select the program **3 SOLID**.
- Confirm the security query by entering with the PIN "0022".

1.3 Cleaning

- Clean the autoclave from dirt and residual water, wipe with 70% Ethanol.
- With only the tray in the autoclave, run the program **12 CLEANING**.

2. Manual



2.1 Start program

- Press start.
- Only for the solid program: ensure that no liquids are inside and confirm security query using the PIN "1000".

▲ WARNING: Severe risk of injury when sterilizing liquids with the solids program. Never sterilize liquids in the solid-state program, as this will cause bottles to explode upon opening the door.

2.2 End program

- Acoustic signal and screen indicate that the program ended
- Push the button "Open Door"
- Open the door with the handle.

▲ Be aware that the removed liquids and solids are hot! Protect yourself and/or wait for the contents to cool.

2.3 Stop program

- Push stop button -> display shows: "User Termination"
- Push quit button

2.4 Program failure

- If an error occurs, the Error-LED button is lights up -> error message in the display
- Find cause of error or check the manual and resolve it
- Push quit button