



Description

A 150 ml Teflon-lined hydrothermal bomb (autoclave) is a high-pressure, high-temperature lab device with an outer stainless steel (SS-316) shell and an inner PTFE (Teflon) liner, used for synthesizing materials like nanoparticles and zeolites in aqueous solutions, safely handling up to ~200°C (safe) or ~240°C (max operating), creating conditions for hydrothermal reactions for research in chemistry and materials science, featuring easy-to-use screw threads for sealing.

Technical Specifications

- Hydrothermal autoclave capacity: 150 ml
- Max usage temperature: 250 °C,
- Safe temperature: 220°C
- Working Pressure: ≤3MPa or 30 Bar.
- Heating and Cooling Rate: ≤5°C/min.
- Body type: SS body with non-rusting design (Corrosion Resistance), Material shell made of high-quality stainless steel (SS-316).
- Material Inner Chamber: PTFE (Teflon liner)/GFT
- Parts Outer shell (SS), Inner Shell (PTFE-GFT) Rod to open shell and upper and bottom discs given.
- Material: Shell made of high-quality nonmagnetic 316 stainless steel, Easy to handle.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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