

## Technical Specification Datasheet

**Product Name: PPL Lined Hydrothermal Autoclave Reactor**

**Product Series: AUTOCLAVE-PPL**

### Properties:

- Safe Temperature: - 260°C
- Max Operating Temperature - 280°C
- Working Pressure:  $\leq$  3MPa
- Heating and Cooling Rate:  $\leq$  5°C/min
- Outer Shell Material: Shell made of high-quality stainless steel
- Stainless Steel Type – SS Alloy 316
- Inner Shell – PPL liner
- Brand – Techinstro

### Features:

- Hydrothermal synthesis reaction carried out in a specific high temperature
- Excellent corrosion resistance, non-spill of hazardous substances, lessen pollution, harmless in use
- Temperature boost, quick dissolve without loss
- Difficult to dissolve in a normal condition where the sample contains volatile elements
- Beautiful appearance, simple structure, smooth operation and short analysis time with reliable data
- The inner vessel made of PPL material, which is excellent acid and alkali resistance
- High-quality SS316 nonmagnetic stainless steel and refined processing

Techinstro assures the above specification and dimensions of the product as per datasheet. We ensure the quality of the product with moisture proof packing. This sheet is also available on the website, where a researcher or purchaser can also download it merely by clicking on the pdf link. The terms and condition for the product purchase mentioned in the quotation. For safe product storage, tips and procedure provided with the material. For more queries, contact our technical support.