

# TECHNICAL DATA SHEET

Doc No – Ab/TDS/Cryo-30  
Rev No: 08 Date- 05/2024-25

**Abdos Labtech Pvt. Ltd.**  
**Cryo Box, PC**

**Valid For Cat. No. P20601, P20601A, P20602, P20602A, P20603, P20603A**

**SRN (Single Registration Number): IN-MF-000022272**

## 1. Description/Specification

### 1.1 Description:

1.1.1 Reusable Cryo Box, made of strong polycarbonate and designed to be used at a temperature between -196°C to 121°C.

1.1.2 Can be used in gas phase of liquid nitrogen with appropriate safety procedure in place.

1.1.3 Transparent lids permit viewing of contents. These boxes create small, space-efficient storage system within a large mechanical freezer.

1.1.4 Lids have numbered grid for sample identification. The surface of the lid has a frosted area suitable for writing with markers, facilitating inventory control.

1.1.5 The dimensions of the cryo box are compatible with vertical, horizontal and drawer style freezer racks.

1.1.6 Specially Designed venting in base & lid ensures a smooth flow for vapours for consistency in cooling.

### 1.2 Design:

Transparent lid permit viewing design having 25 & 81 Places

### 1.3 Performance Specifications:

| Code    | Capacity | Places  |
|---------|----------|---------|
| P20601  | 1 & 2 ml | 25(5x5) |
| P20601A | 1 & 2 ml | 25(5x5) |

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|         |          |         |
|---------|----------|---------|
| P20602  | 1 & 2 ml | 81(9x9) |
| P20602A | 1 & 2 ml | 81(9x9) |
| P20603  | 5 ml     | 81(9x9) |
| P20603A | 5 ml     | 81(9x9) |

## 1.4 Material:

1.4.1 Polycarbonate (PC), confirm US FDA 21CFR

1.4.2 The product complies with USP class VI. Free from Heavy metals, it is safe to use in contact with food stuff, Pharmaceuticals & drinking water.

1.4.3 Product is manufactured without the use of Raw Materials of animal origin. Therefore BSE/TSE issue does not concern this product to the best of our knowledge. No materials containing latex or natural rubber are used in the Manufacturing, handling & packaging process for this product.

## 1.5 Color:

White, Yellow, & Blue (Only Grill)

## 1.6 Graduation and writing surface:

1.6.1 Large Printed Graduation

## 1.7 Sterilization:

NA

## 1.8 Quality control:

Products are manufactured, inspected and found to be in compliance with product & quality specification requirements as documented in ISO 9001:2015 & 13485:2016 Quality Management System. Testing of various characteristics in accordance with the valid specification, inspection reviewed & signed for product release.

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## 1.9 Other Information

Reusable

## 2. Basic Features

**2.1 Temperature range:** -196<sup>0</sup>C to +121<sup>0</sup>C

**2.2 Autoclavability:** Yes, Autoclavable at 15 psi and 121<sup>0</sup>C for 15 minutes

**2.3 Manufactured in Aseptic Environment**

**2.4 Chemical resistance:** see website ([www.abdoslifesciences.com](http://www.abdoslifesciences.com))

**2.5 Intended use:** Widely used in scientific studies of molecular biology, clinical chemistry, biochemistry and any type of scientific laboratory.

## Autoclaving Guideline for Plastics

All plastic consumables are autoclavable at 121<sup>0</sup>C for 15 minutes, 15 psi/1atm. Do not use a dry cycle as this may cause deformation or weakening of the plastic. Allow temperature within the autoclave to return to at least 50<sup>0</sup>C before removing product.

## Instruction for Use

Product can be used for food contact also.

Storage temp. Max 30°C

Before using the product check crackness, pouch punctured etc.

Check all the information printed on pouches or boxes.

Always wear gloves while handling specimens.

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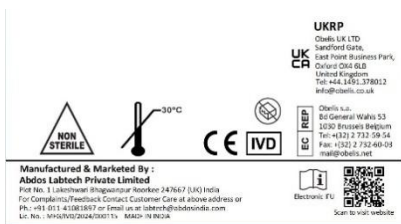
## WARNING

**DO NOT** store strong oxidizing agents.

**DO NOT** place any plastic labware in a flame.

**DO NOT** mix any chemicals that may result in a thermic reaction, which can cause product failure

Consult local fire codes prior to storage of flammable liquids.



Quality Manager

Abdos Labtech Private Limited

Employee Code 30110



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