

# Technical Data Sheet

Doc No – Ab/TDS/Cryo-29

Rev No : 03

## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**Cryo Box, system – 100 Place PC**

**Valid for Catalog No. P20611, P20615**

### **1. Description/Specification**

#### **1.1 Description:**

Reusable PC (Polycarbonate) cryo box

Used in Ultra low temperature for both internal & External thread cryogenic vials

#### **1.2 Design:**

Square Box with Transparent Marked Lid.

#### **1.3 Performance Specification:**

1.3.1 Capacity : 2.0 ml x 100 Places

1.3.2 Universal fit for 1.8 ml & 2.0 ml Cryo Tube respectively.

#### **1.4 Material :**

1.4.1 Made up with strong polycarbonate (PC), confirm US FDA 21 CFR.

1.4.2 Compiles with requirement of Directive 67/548/EEC or 99/45/EC

#### **1.5 Color:**

**Box** : White, Yellow, Blue Color

**Lid** : Transparent (Natural) with Indication Mark for each Place which is printed on Top Lid

**Intermediate Grill:** White color, Blue color & Yellow color



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Three colors available for better color coding

## 1.6 Sterilization :

Can be autoclaved at 15 psi, 121<sup>0</sup>C for 20 minutes

## 1.7 Quality control:

Testing of various characteristic in accordance with the valid Specification

## 1.8 Other information:

Writing surface has Number Square for easy sample identification

## 2. Basic Features

**2.1 Made up of** High pure virgin Polycarbonate (PC)

**2.1 Temperature range:** -196<sup>0</sup>C to +121<sup>0</sup>C (Can Withstand in the vapor Phase of liquid nitrogen)

**2.3 Autoclavability:** Yes, Autoclavable at 15 psi and 121<sup>0</sup>C for 20 minutes


**2.4 Easy Reference :** Transparent lids allow for easy viewing of samples & location

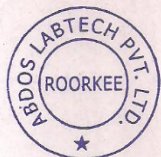
**2.5 Self Draining :** Each Box includes Drain hole in Base and Air vents in the Lid, Minimizing condensation.

**2.6 Chemical resistance:** See website.

## Autoclaving Guideline for Plastics

All plastic consumables are autoclavable at 121<sup>0</sup>C for 20 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.

  
Quality Assurance Incharge  
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