

Technical Data Sheet

Doc No – Ab/TDS/Cryo-28

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, 121⁰C 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: -196⁰C to +121⁰C (Can Withstand in the vapor Phase of liquid nitrogen)

2.3 Autoclavability: Yes, Autoclavable at 15 psi and 121⁰C for 20 minutes


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

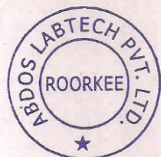
2.5 self Draining : Each Box includes Drain hole in Base and Air vents in the Lid, Minimizing condensation.

2.6 Chemical resistance: See website.

Autoclaving Guideline for Plastics

All plastic consumables are autoclavable at 121⁰C 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 50⁰C before removing product.


Quality Assurance Incharge
Abdos Labtech Pvt. Ltd.



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