

Technical Data Sheet

Doc No– Ab/TDS/LH-68

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TECHNICAL DATA SHEET

Abdos Labtech Pvt. Ltd.

Empty Micro Tip Box, PP

Valid for Catalog No. P20101, P20102, P20104, P20103, P20105, P20106, P20107

1. Description/Specification

1.1 Description:

Empty Micro Tip Box, PP

1.2 Design:

Rectangular Box with Transparent top Cover with slip lock

Removable Micro tip Tray suitable to work in a Robotic System

Compatible for use A-Z in Y- axis and 1-12 in X- axis for easy discrimination

1.3 Performance Specifications:

Code	Tip Capacity (µl)	Places	L x W x H (mm)	No. per Case
P20101	0.1-10ul	96	126x93x70	6
P20102	1-200ul	96	127x93x70	6
P20104	1-300ul	96	146x101x75	6
P20103	100-1000ul	96	146x99x97	6
P20105	100-1000ul XL/1250ul	96	146x99x120	6
P20106	100-5000ul	24	125x92x134	6
P20107	500-10000ul	24	125x92x172	6

1.4 Material:

1.4.1 Polypropylene (PP), Hydrophobic, confirm US FDA 21CFR

1.4.2 The product has passed the USP testing including class VI tests , Materials has successful passed the biological tests according to ISO 10993 external communication devices for indirect blood contact for Prolonged period.

1.4.4 Free from Heavy metals, RoHS Free according to meets relevant requirements of EU regulations 1935/2004/CE ,2002/95/EC as amended, UE 10/2011 as amended. EU CONEG & it's following amendments. It is safe use in contact with food stuff, Pharmaceuticals & drinking water



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1.4.5 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:

Box: Natural

Top Cover: Transparent (Natural)

Wafer Colour - 10ul Green, 20 to 100ul Yellow, 200 to 300ul Orange, 1000ul Blue, 1000XL & 1250ul Light Blue

1.7 Sterilization:

Can be autoclaved at 15 Psi, 121 °C for 20 minutes

1.8 Quality control:

Product 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.

1.9 Other Information:

Reusable, can be autoclaved up to 10 autoclave cycle. Abdos Micro Tip Gen 2 Boxes are robust with consistent wall thickness for repetitive use in single and multi channel pipette. Abdos Micro Tip Gen 2 Box can accommodate Abdos Micro Tips and the tip holding spaces are uniformly placed to facilitate easy use in multi channel pipette. These boxes are stackable. Transparent top cover provides an excellent view of the Micro Tips inside the box. Manufactured in high quality polypropylene. Can be autoclaved.

2. Basic Features

2.1 Made up of High purity Virgin Polypropylene (PP)

2.1 Temperature range: -80°C to +121°C

2.3 Autoclavability: Yes, Autoclavable at 15 psi and 121°C for 20 minutes

2.4 Chemical resistance: See website (www.abdoslifesciences.com)

2.5 Manufactured in Clean room ISO Class 8 (100,000)

Autoclaving Guideline for Plastics

All plastic consumables are autoclavable at 121°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°C before removing product.



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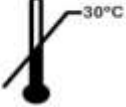


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Instruction for Use

Product can be used for food contact also.
Storage temp. Max 30°C
Before using the product check crackness etc.
Check all the information printed on pouches or boxes.
Always wear gloves while handling specimen.


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.

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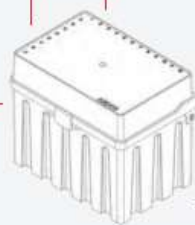
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Abdos Life Science successfully filed **PATENT** in **Pipette Tip Box** Category

Anti-Warpage Technology offers strength & security at liquid handling

Transparent top cover & bottom provides an excellent view of the Micro Tips inside the box



Design with consistent wall thickness for repetitive use in single and multi-channel pipettes

Hinged lid provides fast, safe pipette tip access

Green Manufacturing & Reusable once empty, saves plastics



**Anti-Warpage
Technology**



**Anti-Shrink
Technology**



**Robust Design
& Strength**



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