

# Technical Data Sheet

Doc No – Ab/TDS/GLP-160

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## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**Measuring Cylinder – TPX- Class B**

**Valid for Catalog No. P50401, P50402, P50403, P50404, P50405, P50406, P50407, P50408**

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

#### **1.1 Description:**

TPX Measuring Cylinder

1.1.1 These transparent graduated cylinders have excellent value.

1.1.2 Moulded-in large, neat and easy to read graduations.

1.1.3 Hexagonal shape gives stability to the base.

1.1.4 Cylinders have generous pour spout for smooth flow of liquid during pouring.

#### **1.2 Design:**

1.2.1 Body: Cylindrical with generous pour spout for smooth of liquid while dispensing

1.2.2 Base: Hexagonal Base for firm stability

#### **Performance Specifications:**

Code	Capacity (ml)	Sub Division(ml)	Error limit ( $\pm$ ml)	Height (mm)	No./Case
P50401	10	0.2	0.2	138	12
P50402	25	0.5	0.5	170	12
P50403	50	1	1	198	12
P50404	100	1	1	257	6
P50405	250	2	2	314	6
P50406	500	5	5	344	3
P50407	1000	10	10	412	3
P50408	2000	20	20	482	3

#### **1.4 Material:**

1.4.1 TPX- Polymethylpentene (PMP), confirm US FDA 21CFR

1.4.2 Complies with the requirement of European Pharmacopoeia, Plastic Containers and closures for Pharmaceutical use.



Abdos Labtech Private Limited  
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1.4.3 The product has passed the USP testing including class VI tests, Materials has successfully 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 & its following amendments. It is safe use in contact with food stuff, Pharmaceuticals & drinking water

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:

Translucent (Natural)

## 1.6 Graduations:

Molded in Large and easy to read graduation

Meet accuracy requirements of class B under "ISO6706" BS 5404 Part 2".

## 1.7 Sterilization:

NA

## 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 amendments.

## 1.9 Other Information:

Reusable, can be autoclaved up to 10 autoclave cycle.

## 2. Basic Features

**2.1 Made up of** Polymethylpentene (TPX)

**2.1 Temperature range:** -80<sup>0</sup>C to +175<sup>0</sup>C

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

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

**2.5** Manufactured in Aseptic Environment



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## 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.

## 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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