

TECHNICAL DATA SHEET

Doc No – Ab/TDS/ GLP-159
Rev No: 09 Date- 05/2024-25

Abdos Labtech Pvt. Ltd. Measuring Cylinder – TPX Class A

**Valid for Catalog No. P50501, P50502, P50503, P50504, P50505, P50506, P50507,
P50508**

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

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.
- 1.1.5 Supplied with conformity test certificate that indicates batch number and year of production that is also marked on the cylinder.

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

1.3.Performance Specifications:

Code	Capacity (ml)	Sub Division (ml)	Error limit (\pm ml)	Height (mm)	No./Case
P50501	10	0.2	0.1	138	1
P50502	25	0.5	0.25	170	1
P50503	50	1	0.5	198	1
P50504	100	1	0.5	257	1
P50505	250	2	1	314	1

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P50506	500	5	2.5	344	1
P50507	1000	10	5	412	1
P50508	2000	20	10	482	1

For Sterile

Code	Capacity (ml)	Sub Division(ml)	Error limit (+ ml)	Height (mm)	No./Case
P50501S	10	0.2	0.1	138	1
P50502S	25	0.5	0.25	170	1
P50503S	50	1	0.5	198	1
P50504S	100	1	0.5	257	1
P50505S	250	2	1	314	1
P50506S	500	5	2.5	344	1
P50507S	1000	10	5	412	1
P50508S	2000	20	10	482	1

1.4 Material:

1.4.1 TPX- Polymethylpentene (PMP), 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.

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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: Translucent (Natural)

1.6 Graduations: Molded in Large and easy to read graduation. Meet accuracy requirements of class A under “ISO6706” BS 5404 Part 2”.

1.7 Sterilization: Sterile catalog number from this lot have been pre-sterilizes and dosimetrically released based on ANSI/AAMI/ISO 11137 *Sterilization of healthcare products-Requirements for validation and routine control- Radiation sterilization*. The product has been sterilized with Co-60 Gamma Radiation, SAL 10^{-6}

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 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: -80⁰C to +175⁰C

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

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

2.5 Manufactured in Aseptic Environment

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2.6 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 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.

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 specimens.

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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Quality Manager
Abdos Labtech Private Limited
Employee Code 30110

