

# Technical Data Sheet

Doc No – Ab/TDS/GLP-148

Rev No : 04 Date 11/2019

## 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

#### **1.2 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) |
|--------|---------------|------------------|-------------------------|-------------|
| P50401 | 10            | 0.2              | 0.2                     | 138         |
| P50402 | 25            | 0.5              | 0.5                     | 170         |
| P50403 | 50            | 1                | 1                       | 198         |
| P50404 | 100           | 1                | 1                       | 257         |
| P50405 | 250           | 2                | 2                       | 314         |
| P50406 | 500           | 5                | 5                       | 344         |
| P50407 | 1000          | 10               | 10                      | 412         |
| P50408 | 2000          | 20               | 20                      | 482         |

#### **1.4 Material:**

1.4.1 TPX- Polymethylpentene (PMP)

1.4.2 Comply with requirement of Directive EU No 10/2011 and requirement of FDA Regulation 21 CFR (c) 3.3b Polymers.

1.4.3 Materials are manufactured according to the requirements of GMP Regulation (EC) No 2023/2006. Complies with the requirement of Indian Standard IS: 10910 on “Specification for

**ABDOS**

**Shiv Ganga Industrial Estate,**  
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**An ISO 9001 & 13485 Certified**  
A Division of Abdos

**Regd. Office:**  
13A, Government Place (East)  
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**CIN : U85100WB2008PTC123903**  
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Polypropylene and its copolymer for its safe use in contact with food stuffs, Pharmaceutical and Drinking water”

1.4.5 Material does not contain any Hazardous chemical substance & compliance with REACH AVHC & RoHS Free. Free from heavy metals according to ELV directive 2000/53/EC and its following amendments.

1.4.6 Meets accuracy requirements under “DIN 12681/ISO 7056 – 1981 (E) & BS 5404 Part 1 ”.

## 1.5 Color:

Translucent (Natural)

## 1.6 Graduations:

Molded in, large and Easy to read graduations

Meets accuracy requirements of Class B under DIN 12681/ISO 6706”

## 1.7 Sterilization:

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

## 1.8 Quality control:

Testing of various characteristic in accordance with the valid Specification

## 1.9 other Information:

Reusable, can be autoclaved up to 10 autoclave cycle.

Pack Size : 3, 6 & 12 pieces/case

## 2. Basic Features

2.1 Made up of High purity Virgine Polymethylepentene (PMP)

2.1 Temperature range: -40°C to +175°C

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

2.4 Chemical resistance: See website.

## Autoclaving Guideline for Plastics

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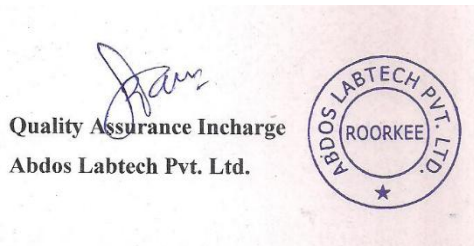
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All plastic consumables are autoclavable at 121<sup>0</sup>C for 20 minutes, 15 psi/1atm. Do not use a dry cycle as this may cause deformation or weakening of the plastic. Allow temperature within the autoclave to return to at least 50<sup>0</sup>C before removing product.



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