

# Technical Data Sheet

Doc No – Ab/TDS/GLP-184-I

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## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

**Vacuum Gauge Round Desiccator**

**Valid for Catalog No. E11617, E11617A, E11618, E11618A, E11619, E11619A**

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

#### **1.1 Description:**

Vacuum Gauge Round Desiccator

#### **1.2 Design:**

Round

#### **1.3 Performance Specification:**

**1.3.1** These vacuum desiccators feature a round design with light weight yet high tensile strength.

**1.3.2** High quality silicone gasket ensures greaseless airtight seal for cost effective & clean test environment.

**1.3.3** Highly transparent, shatterproof, non-corrosive & easy to clean polycarbonate constructions.

**1.3.4** Three way stopcock ensures consistent & uniform vacuum draw, vacuum release or gas exchange. The barbed fitting on each side secures attachment of tubing.

**1.3.5** Flange lock holds the top and the bottom together during non-vacuum conditions.

**1.3.6** UV-blocking models minimize damages & discoloration of light sensitive samples.

**1.3.7** Vacuum gauge is attached at the center of the lid for easy vacuum level checking.

#### **1.4 Material:**

**1.4.1** Polypropylene / Polycarbonate, confirm US FDA 21CFR

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

**1.4.3** 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



**Abdos Labtech Private Limited**  
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**GST: 05AAGCA8605A1Z7**

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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:**  
Transparent

## 1.6 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.

## 1.7 Basic Features:

1.7.1 Made up of Highly Pure Virgin Polypropylene & Polycarbonate.

1.7.2 Maximum vacuum of 1torr ( $1.33 \times 10^{-4}$  Mpa) for 72 hrs.

1.7.3 CE certified

## 1.8 Specification:

Specification	Code		
	E11617 & E11617A	E11618 & E11618A	E11619 & E11619A
Internal Volume	6L/0.2cf ft	10L/0.4cf ft	20L/0.7cf ft
Gauge Range	0 to -0.1 Mpa	0 to -0.1 Mpa	0 to -0.1 Mpa
Nozzle	9.5mm/0.37 inch diameter	9.5mm/0.37 inch diameter	9.5mm/0.37 inch diameter
Max. Permissible Vacuum	$1.33 \times 10^{-4}$ Mpa	$1.33 \times 10^{-4}$ Mpa	$1.33 \times 10^{-4}$ Mpa
Material Body	Polycarbonate	Polycarbonate	Polycarbonate
Material Perforated sample Tray	Polypropylene	Polypropylene	Polypropylene
Material Drying Agent Tray	Polypropylene	Polypropylene	Polypropylene
Material Locker	Polypropylene	Polypropylene	Polypropylene
Material Vacuum Seal	Silicone Rubber	Silicone Rubber	Silicone Rubber
Dimension Exterior (Dia x H)	242x354 mm	308x400 mm	385x475 mm
Net Weight	1.5kg	2.5kg	4.2kg
Colour	Natural & Amber	Natural & Amber	Natural & Amber

## 1.9. Basic Features

1.9.1 Autoclavability: NA

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



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## 1.9.3 Manufactured in Aseptic Environment

### Instruction for Use

Product can be used for food contact also.

Storage temp. Max 30°C

Before using the product check crackness, pouch punctured etc.

Check all the information printed on pouches or boxes.

Always wear gloves while handling specimen.

Ensure all sample tubes are evenly filled

For each tube inserted in the rotor, add a tube of equal weight directly opposite it.

### 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.

This desiccator is designed for room-temperature use only, whether used with or without vacuum.

**DO NOT** expose the desiccator directly to the following chemicals or their vapors: strong bases, esters, aromatic or halogenated hydrocarbon or ketones. These chemicals will attack polycarbonate.

**NEVER** autoclave the desiccator.

**DO NOT** expose the propylene bowl to temperatures below freezing.

### Care & Cleaning

Use a warm soap or neutral pH detergent and rinse thoroughly. NEVER use organic solvent, strongly alkaline cleaning agents or abrasives.



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