

TECHNICAL DATA SHEET

Doc No – Ab/TDS/ GLP-178-II

Rev No: 06 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
Vacuum Gauge Cubic Desiccator

Valid for Catalog No. E11613, E11613A, E11614, E11614A, E11615, E11615A, E11616,
E11616A

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

1. Description/Specification

1.1 Description: Vacuum Gauge Cubic Desiccator

1.2 Design: Cubic

1.3 Performance Specification:

1.3.1 These Cubical vacuum desiccators are integrally molded ensuring superb vacuum capability with almost no leakage & excellent durability.

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 the attachment of tubing.

1.3.5 Maximum utilization of internal space using four to six shelves depending upon product sizes.

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

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

1.3.8 Four in built ports allowing easy attachment of tubing.

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1.4 Material:

1.4.1 Polypropylene / Polycarbonate, confirm US FDA 21CFR

1.4.2 Free from Heavy metals, It is safe use in contact with food stuff, Pharmaceuticals & drinking water

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: Transparent

1.6 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.

1.7 Basic Features:

1.7.1 Made up of Highly Pure Virgin Polypropylene & Polycarbonate.

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

1.7.3 Stackable space saving design allows efficient use of cramped lab space.

1.7.4 CE certified

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1.8 Specification:

Specification	Code			
	E11613 & E11613A	E11614 & E11614A	E11615 & E11615A	E11616 & E11616A
Internal Volume	11L/0.4cf ft	23L/0.8cf ft	35L/1.2cf ft	45L/1.6cf ft
Gauge Range	0 to -0.1 Mpa	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	9.5mm/0.37 inch diameter
Max. Permissible Vacuum	1.33x10 ⁻⁴ Mpa	1.33x10 ⁻⁴ Mpa	1.33x10 ⁻⁴ Mpa	1.33x10 ⁻⁴ Mpa
Material Body	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
Material Perforated sample Tray	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
Material Drying Agent Tray/Locker	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Material Locker	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Material Vacuum Seal	Silicone Rubber	Silicone Rubber	Silicone Rubber	Silicone Rubber
Dimension Interior (W x D x H)	248x254x238 mm	346x365x246 mm	355x375x345 mm	355x374x445 mm
Dimension Exterior (W x D x H)	322x285x271 mm	420x397x281 mm	420x397x281 mm	420x397x491 mm
Net weight	4.2 kg	8.2 kg	10.8 kg	12.2 kg
Colour	Natural & Amber	Natural & Amber	Natural & Amber	Natural & Amber
Max Load per shelf	3kg	5kg	5kg	5kg
Number of Shelves	2 standard/4 maximum	2 standard/4 maximum	3 standard/5 maximum	3 standard/6 maximum

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1.9. Basic Features

1.9.1 Autoclavability: NA

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

1.9.3 Manufactured in Aseptic Environment

1.9.4 Intended use: Widely used in scientific studies of molecular biology, clinical chemistry, biochemistry and any type of scientific laboratory.

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.

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.

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Care & Cleaning

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

Marketed By :

Abdos Labtech Private Limited

Plot No. 3 Lakshwari Bhagwanpur Roorkee-247667 (UK) India
For Complaints/Feedback Contact Customer Care at above address or
Ph.: +91 011-41081897 or Email us at labtech@abdosindia.com



Quality Manager

Abdos Labtech Private Limited

Employee Code 30110



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