

TECHNICAL DATA SHEET

Doc No – Ab/TDS/Eqpt-231
Rev No: 06 Date- 05/2024-25

Abdos Labtech Pvt. Ltd.
THERMO MIX -TFT Digital

Valid for Catalog No. E11340, E11341, E11342

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

1. Description/Specification

1.1 Description: THERMO MIX - TFT Digital.

1.1.1 ABDOS Thermo Mix Series allows for precise and efficient shaking and mixing as well as excellent temperature accuracy and uniformity, offering a wide range of applications, such as Gene Synthesis, Gene Purification, Gene Denaturation, Protein Denaturation, Enzymatic reaction, Bacterial growth and many more.

1.1.2 ABDOS Thermo Mix is equipped with quick interchange of blocks with magnet Adhesion technology and without any tools.

1.1.3 It is programmable and has three points calibration with precise temperature control for heating and cooling.

1.2 Design: TFT Digital with transparent lid.

1.3 Performance Specifications:

Specification	Code		
	E11340	E11341	E11342
Functions	Heating, Cooling & Mixing	Heating & Cooling	Heating & Mixing
Temperature range	Heating:25°~100°C Cooling : 25°~below15°C	Heating:25°~100°C Cooling : below25°C	Heating:25°~100°C
Temperature uniformity	Max ± 0.5°C	Max ± 0.5°C	Max ± 0.5°C
Temperature accuracy	± 0.5°C	± 0.5°C	± 0.5°C
Max heating rate	5.5°C/min	5.5°C/min	5.5°C/min

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Max cooling rate	5°C/min (100°-25°C) 0.5°C/min (below25°C)	2.5°C/min (100°-25°C) 0.5°C/min (below25°C)	-
Mixing frequency	200 – 1500 rpm	NA	200 – 1500 rpm
Mixing Orbit	3mm	-	3mm
Program	6	9	6
Overheating Protection	150°C	150°C	150°C
Voltage	220 – 240V	220 – 240V	220 – 240V
Frequency	50/60Hz	50/60Hz	50/60Hz
Power	200W	200W	200W
Dimension (WxDxH)	200x235x120 mm	200x235x120 mm	200x235x120 mm
Weight	7.3kg	7.3kg	7.3kg

E11340 – LCD Digital Thermo Mix with Heating, Cooling & Mixing with 1.5ml heating block.

E11341 – LCD Digital Thermo Mix with Heating & Cooling with 1.5ml heating block.

E11342 – LCD Digital Thermo Mix with Heating & Mixing with 1.5ml heating block.

Spare Accessories:

Code	Product	Places
E11343	Heating Block for 0.2 ml/96 well PCR plate	96
E11344	Heating Block for 96/384 well micro plate	96/384
E11345	Heating Block for 0.5ml	24
E11346	Heating Block for 1.5 ml	24
E11347	Heating Block for 2.0 ml	24

TECHNICAL DATA SHEET

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E11348	Heating Block for 5.0ml	8
E11349	Heating Block for 15ml	8
E11350	Heating Block for 50ml	4

1.4 Material: Body – ABS Material & Metal

1.5 Color: Black & White

1.6. Basic features:

1.6.1 Material: Made up of highly pure Virgin ABS (Acrylonitrile Butadiene Styrene)

1.6.2 CE certified

1.6.3 Chemical resistance: see website (www.abdoslifesciences.com)

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

Warranty: 12 months from the date of Installation or 15 months from the date of Invoicing

Instruction for Use

Storage temp. Max 30°C

Before using the product check crackness, etc.

Check all the information printed on pouches or boxes.

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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.

Manufactured & Marketed By:
Abdos Labtech Private Limited

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For Complaints/Feedback Contact Customer Care at above address or
Ph.: +91-011-41081897 or Email us at labtech@abdosindia.com
Lic. No.: MFG/IVD/2024/000115 MADE IN INDIA



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Quality Manager

Abdos Labtech Private Limited

Employee Code 30110



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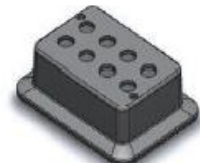
E11345



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