



# Thermomixer 5350/ 5352/ 5355

SOP - Installation Qualification - English

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English (EN)

## 1 Introduction

### 1.1 Using this manual

- ▶ Ensure that you have a copy of the latest versions of the service manual and operating instructions. Check this using the version numbers at [www.eppendorf-support.com](http://www.eppendorf-support.com) and [www.eppendorf.com](http://www.eppendorf.com).
- ▶ Read the service manual before starting work on the device.
- ▶ Read the chapters "Installation" and "Operation" of the operating manual.
- ▶ Observe the safety instructions in the operating manual.

### 1.2 Liability

The Eppendorf service partner entrusted with maintenance, servicing or testing is liable for ensuring that all work is carried out in a professional manner.

- ▶ The constructional features of the device must not be modified by servicing, maintenance or testing. The device must always be as safe as in its original state.
- ▶ Only accessories and original spare parts recommended by Eppendorf as well as measuring and test equipment recommended by Eppendorf may be used for any maintenance, servicing or testing work.

### 1.3 User profile

The specialist entrusted with maintenance, repair or testing must meet the following prerequisites:

- Successful participation in service trainings with certification by Eppendorf AG for the product that is to be maintained, repaired or tested.
- Qualification as a specialist with knowledge of the applicable local and international standards.
- Qualification to evaluate the work assigned to him.
- Recognition of potential hazards and how to prevent or correct them.

### 1.4 Note on this document

- ▶ Include other documents, such as explanations, printouts, recordings and results, with the IQ. List these documents under "Appendices".

### 1.5 Abbreviations

IQ – Installation Qualification

SM – Service Manual

OM – Operating Manual

HWM - Hardware Manual

SWM - Software Manual

**Introduction**

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**1.6 Device data**

Company / Operator:

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Location where the device is used (building, floor, room, lab etc.):

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Place where the operating manual is kept:

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Operating Manual version (index number on the inside of the title page):

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Place where the service manual is kept:

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Service Manual version (index number on the inside of the title page):

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Inventory number of the device:

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Manufacturer: Eppendorf AG

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Type designation:

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Serial number:

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Software/Firmware version:

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Voltage in volts:

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Frequency in Hz:

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Installation date (day/month/year):

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**1.7 Responsible persons****Responsible technician**

Name, first name:

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Company:

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Certificate (issued on ... / valid until ...):

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Signature:

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Copies of the technician's certificates can be enclosed as appendices. List these documents at the end, under "Appendices".

**User / Responsible for quality**

Name, first name:

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Company:

---

Signature:

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## 2 IQ – Thermomixer 5350/52/55

### 2.1 IQ Checklist

#### 2.1.1 Scope and condition of delivery

No.	SM/OM section	Check	Yes	No
IQ1		Is the transport packaging free of damage?		
IQ2		Did you receive the correct model with the correct voltage version? (Check package label, bill of delivery and nameplate on the underside of the device.)		
IQ3	5350/5355: OM 3 5352: OM 8	Please open the packaging. Are the contents of the package in compliance with the scope of delivery as described in the operating manual (OM)?		
IQ4		Is the device damage-free?		
IQ5		Are the accessories included with the packaging free of damage?		

#### 2.1.2 Installation

No.	SM/OM section	Check	Yes	No
IQ6	5350/5355: OM 4 5352: OM 1	Did you choose a suitable place for installation (horizontal and stable enough workplate)?		
IQ7	5350/5355: OM 4 5352: OM 1	Is there sufficient space around the device (a minimum of 10 cm all around)?		
IQ8	5350/5355: OM 10 5352: OM 8	Ambient conditions: 5350 and 5355: 4 °C to 35 °C, max. humidity 70% 5352 and 5355: 4 °C to 40 °C, max. humidity 80%		

#### 2.1.3 Initial setup

No.	SM/OM section	Check	Yes	No
IQ9	5350/5355: OM 4 5352: OM 1	Connect the device to the power supply and switch on the device. The model and the software version will be displayed briefly. The LEDs on the keyboard will light up briefly. The 5355 also displays the mounted block or “no block”.		
IQ10	5350/5355: OM 4 5352: OM 1	Mount an exchangeable thermoblock (5352 and 5355 only). Does automatic block recognition work (5355 only)?		

No.	SM/OM section	Check	Yes	No
IQ11	5350/5355: OM 5 & 6 5352: OM 4	Key test: Press the cursor key, the "Interval Mix" key and the "progr." key in succession. Does the device respond correctly?		
IQ12	5350/5355: OM 5 & 6	Drive test (5350 and 5355 only) Do the mixers start up when "Start/Stop" or "Short" is pressed?		
IQ13	5350/5355: OM 5 & 6 5352: OM 4	Cooling (5352 and 5355 only): Set a temperature below room temperature. Does the device cool?		
IQ14	5350/5355: OM 5 & 6 5352: OM 4	Heating: Set a temperature above room temperature. Does the device heat?		
IQ15	entire OM	User training: The user was introduced to the functions and operation of the device.		

Remarks

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Appendices (e.g.: calibration certificates, Technician's certificates, .....):

1:

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2:

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3:

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4:

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5:

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\_\_\_\_\_  
 City, date

\_\_\_\_\_  
 Technician's signature

The user confirms that he has received training on the device and its functions.

\_\_\_\_\_  
 City, date

\_\_\_\_\_  
 User signature





# Evaluate your manual

Give us your feedback.  
[www.eppendorf.com/manualfeedback](http://www.eppendorf.com/manualfeedback)