Multiskan™ Ease Absorbance Microplate Reader

Catalog Number ME001000C and ME002000C

Pub. No. MAN1001705 Rev. A

Product description

The Thermo Scientific™ Multiskan™ Ease Absorbance Microplate Reader is a high-quality, filter-based microplate photometer. It is used to measure absorbance from appropriate 96- or 384-well plate formats in the wavelength range of 400–760 nm. The instrument also has incubating and shaking capabilities and can be integrated into automation environments.

Open the packing box

1. Remove the accessory box from the carton.

   The box contains a filter wheel with three default filters, a power adapter, a USB cable, and a screwdriver.

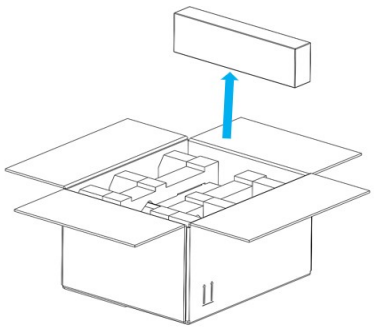


Figure 1 Remove the accessory box from the carton

2. Lift the instrument from the carton.

   Note: The instrument weighs approximately 10 kg, so handle it with care when lifting.

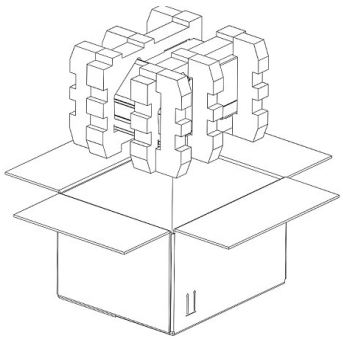


Figure 2 Lift the instrument from the carton

3. Leave the instrument in its protective plastic wrapping until the room temperature has been reached, then remove the plastic bag.

Remove the transport lock

1. Remove the tape from the filter wheel chamber door on the left side of the instrument and from the plate carrier door on the front side of the instrument.

2. Open the filter wheel chamber door by clicking three dots ①.

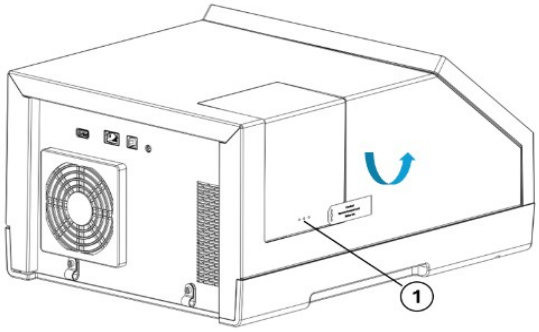


Figure 3 Three dots

The transport lock ② will be found on the right side of the filter wheel.

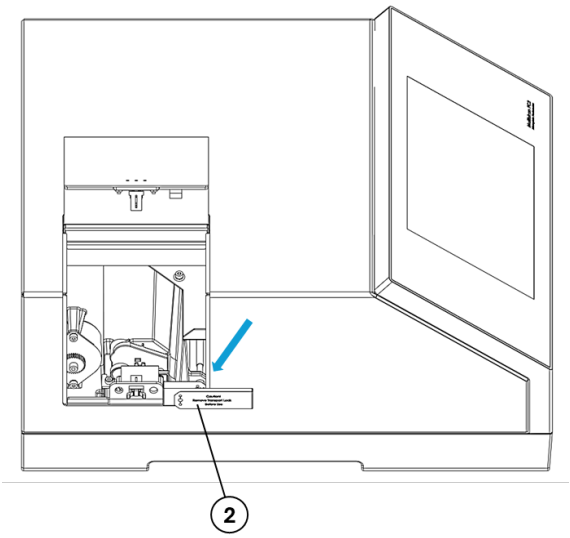


Figure 4 Transport lock

For Research Use Only. Not for use in diagnostic procedures.

3. Loosen the fixing screws and remove the transport lock ③ from the filter wheel chamber, then insert the end of the transport lock into the hole at the end of the warning tag, securing the tag onto the transport lock.

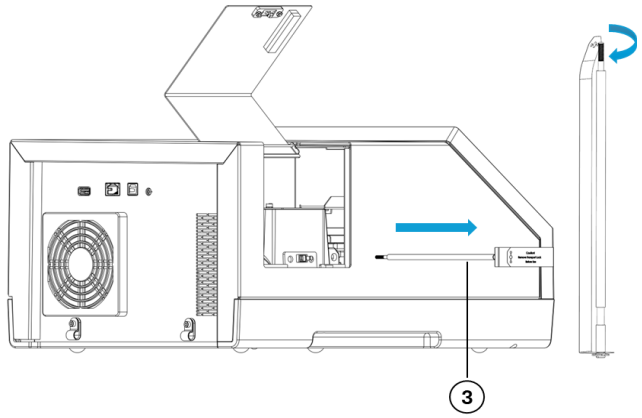


Figure 5 Transport lock

4. Loosen the fixing screws of the right transport lock holder ring ④, then insert one end of the transport lock into the left holder ring and place the other end into the opened right holder ring.

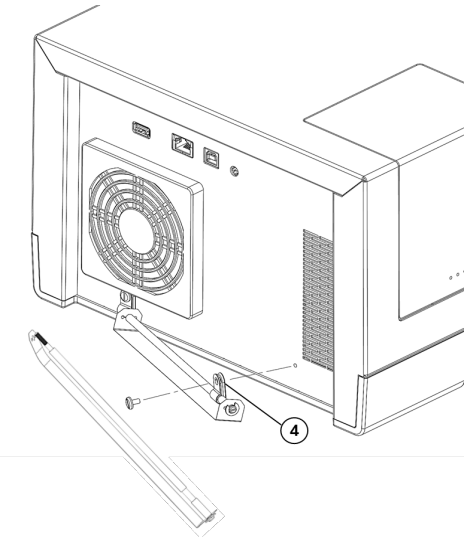


Figure 6 Transport lock holder ring

5. Tighten the screws of the transport lock holder ring and secure the transport lock on the back of the instrument for future use.

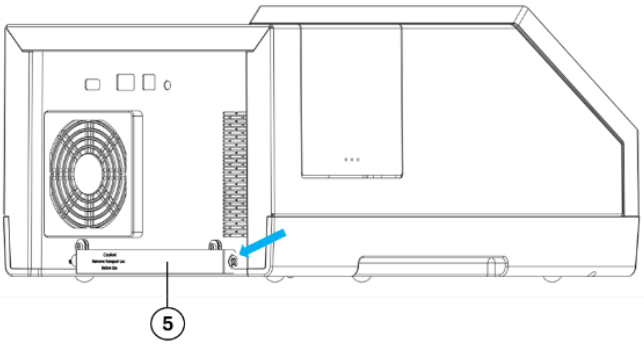


Figure 7 Attach the transport lock

Install the filter wheel

Insert the filter wheel into its designated slot, where it will be secured by magnetic attraction.

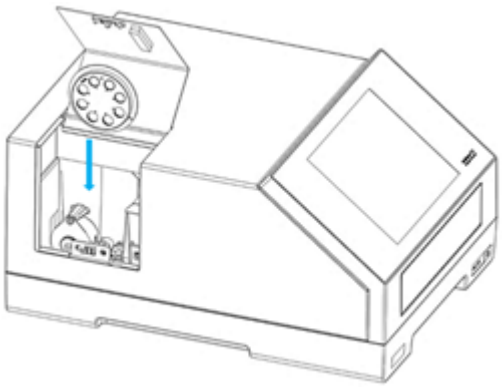


Figure 8 Filter wheel installation

Connect the mains supply cable

The mains supply cable is delivered separately by the distribution center.

CAUTION!

- Do not use other power supply cables than the power supply cable delivered with the instrument. Use the power supply cable designed for your region.
- Do not connect the power supply to a power outlet line before plug the output of the AC-to-DC power adaptor in the power supply connector on the back panel.
- Do not operate the instrument from a power outlet that has no ground connection.

Operate the instrument

Note: Touchscreen UI–related instructions are applicable **only** to the **ME001000C** model.

Note: Remove the tape from the front side of the instrument before powering it on.

Power on the instrument by pressing the power switch button. The instrument will initiate a self-check procedure, and the touchscreen UI will start up simultaneously, entering the OOBE mode. You can set the language, network, and time for the UI.

Once the start-up is successful, the plate carrier will extend, indicating that the instrument is ready for use.

Note: It is recommended to perform an empty 96 well plate run to verify proper instrument operation.

Operate the instrument by SkanIt™ Software

1. Install the SkanIt™ Software:
   a. Locate the USB drive included in the carton, which contains the SkanIt™ Software installation package, the SkanIt™ User Guide, and the Technical Guide.
   b. To install the software, follow the installation instructions in the Thermo Scientific™ SkanIt™ Software for Microplate Readers User Guide.
2. Connect the instrument to your computer using the USB cable provided.
3. Open the SkanIt™ Software, then the instrument is automatically connected to the software.
4. Operate the instrument via the software.

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For descriptions of symbols on product labels or product documents, go to thermofisher.com/symbols-definition.

Revision history: Pub. No. MAN1001705 A

Revision	Date	Description
A	2 March 2026	New document for Multiskan™ Ease Absorbance Microplate Reader.

The information in this guide is subject to change without notice.

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