

# Multiskan™ Sky Microplate Spectrophotometer

## QUICK REFERENCE

Publication Number MAN0018930

Revision A.0



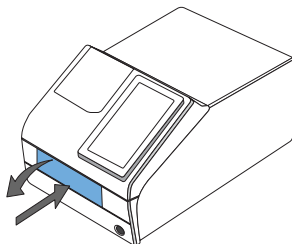
For Research Use Only. Not for use in diagnostic procedures.

# Multiskan™ Sky Microplate Spectrophotometer

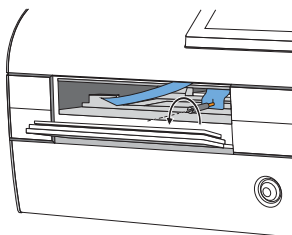
Pub. No. MAN0018930 Rev. A.0

## Set up your instrument

- 1** Open the measurement chamber door
- Open the measurement chamber door by pushing the bottom door edge while pulling the upper door edge.

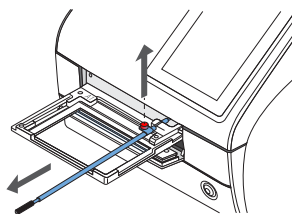


- 2** Unscrew the transport lock bar
- Unscrew the transport lock bar by turning it counterclockwise. Use a suitable flathead screwdriver if necessary.



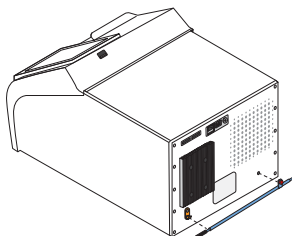
- Pull the transport lock until the plate carrier is fully out of the instrument.

- 3** Unfasten the red fixing screw
- Unfasten the red fixing screw and remove the transport lock from the plate carrier.

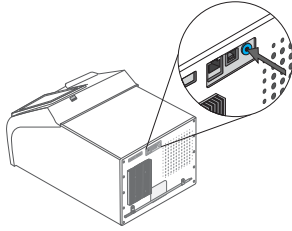


- Push the plate carrier back into the instrument. Ensure the measurement chamber door closes properly.

- 4** Attach the transport lock
- Attach the transport lock to the back of the instrument using the red fixing screw and the locking piece (shown in yellow) located on the back of the instrument.

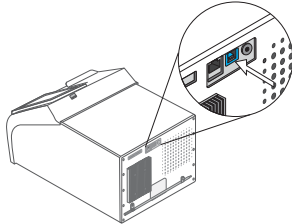


**5** Connect the power cable



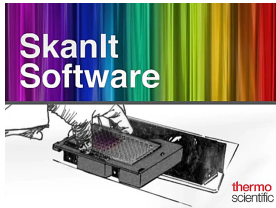
- Connect the power cord to the instrument power supply inlet on the back of the instrument. Ensure the power cord is plugged into an appropriate grounded outlet.

**6** *(Optional)* Connect the instrument to a computer



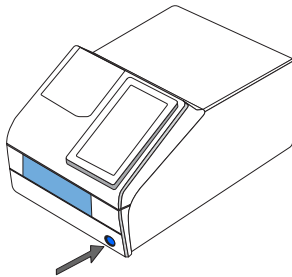
- Connect an appropriate communication cable to the USB port marked "PC" on the back of the instrument.

**7** *(Optional)* Install the SkanIt™ software



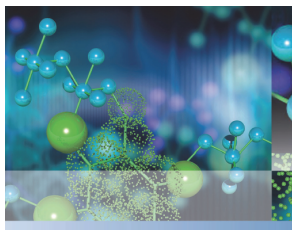
- To operate the instrument with PC software, it requires installation on a PC. For installation instructions, refer to the Thermo Scientific™ SkanIt™ Software for Microplate Readers Technical Manual. Learn more about SkanIt™ Software at [thermofisher.com/skanit](http://thermofisher.com/skanit).

**8** Power on the instrument



- Push the blue power button on the front of the instrument.  
The instrument will run self-diagnostics. Once complete, the home screen appears (applicable for touchscreen models).

**9** Set up a measurement and connect your instrument to the cloud



- For detailed instructions, refer to the Multiskan™ Sky Microplate Spectrophotometer user manual or technical manual.

Thermo Scientific  
**Multiskan™ Sky**  
User Manual

# Maximize your Multiskan™ Sky Microplate Spectrophotometer performance

- **Use great plates**

Thermo Scientific™ Nunc™ Plates come in a variety of sizes, styles, and surfaces to suit multiple applications. For the Multiskan™ Sky Microplate Spectrophotometer, you'll likely be using clear and UV-clear plates. Solid Nunc™ plates are fully molded well plates in either clear polystyrene, or in black or white for use in fluorescence or luminescence studies. Find out more at [thermofisher.com/cellcultureplates](http://thermofisher.com/cellcultureplates).



- **Get a  $\mu$ Drop™ plate**

If you do UV-Vis quantification of DNA, RNA, or protein, the Thermo Scientific™  $\mu$ Drop™ Plate is an excellent option for scaling up Thermo Scientific™ NanoDrop™ workflows. It is easily read using the Multiskan™ Sky instrument and allows for choosing whether you want to use the built-in touchscreen or Thermo Scientific™ SkanIt™ software to perform your measurement. Learn more at [thermofisher.com/udrop](http://thermofisher.com/udrop).



- **Try validated protocols**

The SkanIt™ Cloud Library contains 130 pre-built sessions with experimental protocols, recommended plate layouts, plate reader protocols, real example data, and pre-programmed data analysis. This cloud library is one of the many easy-to-use, error-preventing, productivity-boosting features offered by SkanIt™ software. Get details at [thermofisher.com/skanit](http://thermofisher.com/skanit).



- **Watch the how-to videos**

Online videos for the Multiskan™ Sky instrument show you how to use the instrument to your advantage. Watch the videos at [thermofisher.com/multiskansky](http://thermofisher.com/multiskansky).



- **Use top-notch assays**

There's nothing worse than a failed assay. Make your experimental efforts count with validated Invitrogen™ assay kits and reagents. Find assays at [thermofisher.com/microplateassays](http://thermofisher.com/microplateassays) and [thermofisher.com/elisa](http://thermofisher.com/elisa)



## Limited product warranty

Life Technologies Corporation and/or its affiliate(s) warrant their products as set forth in the Life Technologies' General Terms and Conditions of Sale at [www.thermofisher.com/us/en/home/global/terms-and-conditions.html](http://www.thermofisher.com/us/en/home/global/terms-and-conditions.html). If you have any questions, please contact Life Technologies at [www.thermofisher.com/support](http://www.thermofisher.com/support).



Life Technologies Holdings Pte Ltd | Block 33 | Marsiling Industrial Estate Road 3 | #07-06, Singapore 739256  
For descriptions of symbols on product labels or product documents, go to [thermofisher.com/symbols-definition](http://thermofisher.com/symbols-definition).

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

**DISCLAIMER:** TO THE EXTENT ALLOWED BY LAW, THERMO FISHER SCIENTIFIC INC. AND/OR ITS AFFILIATE(S) WILL NOT BE LIABLE FOR SPECIAL, INCIDENTAL, INDIRECT, PUNITIVE, MULTIPLE, OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH OR ARISING FROM THIS DOCUMENT, INCLUDING YOUR USE OF IT.

**Important Licensing Information:** These products may be covered by one or more Limited Use Label Licenses. By use of these products, you accept the terms and conditions of all applicable Limited Use Label Licenses.

©2019 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified.

[thermofisher.com/support](http://thermofisher.com/support) | [thermofisher.com/askaquestion](http://thermofisher.com/askaquestion)

[thermofisher.com](http://thermofisher.com)

**ThermoFisher**  
SCIENTIFIC