



Practical Guidelines on Handling a Chamber of MIRI® M Multiroom IVF Incubator

The Esco Medical MIRI® M Multiroom IVF Incubator is a modular system with up to 18 independent and movable chambers. Each chamber functions as a self-contained incubation unit, maintaining controlled temperature and gas conditions both when docked and during temporary undocking for up to 30 minutes. Designed to minimize environmental fluctuations during movement, the chambers allow procedures to be performed without relocating culture dishes. The ergonomic design and integrated display further support safe handling and secure patient identification throughout the workflow.

The mobility of the MIRI® M multiroom IVF incubators allows any chamber docked in a docking station to be undocked and moved to another docking station.

• Undocking a chamber

1. Locate the chamber by patient name/ID on the display
2. Hold the chamber with one hand at the bottom, the other on top (use the ridges)
3. Pull gently towards yourself to release from the docking position
4. For lower shelves, pull first by the lid, then adjust grip

• Carrying a chamber

1. Use both hands: support the bottom with one hand and grip the top ridges with the other
2. Keep the chamber horizontal and stable; avoid shaking or sudden movements
3. Handle the chamber as carefully as a culture dish
4. Keep the chamber level at all times
5. Minimize undocked time (ideally under 30 minutes) to maintain optimal incubation conditions.

• Docking a chamber

1. Bring the chamber to an available docking station
2. Place the chamber at the front of the docking position and gently push it toward the back panel
3. Align the chamber with the metal guides until secured by the soft-close system
4. Confirm successful docking by checking the LED indicator and visual feedback on the display

The MIRI® M multiroom IVF incubators are primarily developed and designed for the incubation of gametes and embryos with an overlay of either Paraffin or mineral oil.



Important

Excessive oil overlay volume may increase the risk of oil movement or spillage when handling the chamber. Use only the minimum oil volume required to fully cover the media drops as defined by your laboratory SOP. Avoid overfilling the dish or creating an unnecessarily thick oil layer.

Want to know
more about
this product?

Scan the
QR Code

www.esco-medical.com



Esco Medical Technologies

Gamybos g. 2, Ramučių k., Kauno r., LT-54468, Lithuania
medical@escolifesciences.com

Esco Micro, Pte. Ltd. (Headquarters)

19 Changi South Street 1, Singapore 486 779
Tel +65 6542 0833

Esco Global Offices: Bangladesh | China | Denmark | Germany | Hong Kong | Indonesia | Lithuania | Malaysia | Myanmar | Philippines | Russia | Singapore | South Africa | South Korea | Taiwan | Thailand | UAE | UK | USA | Vietnam

MIRI M Chamber Practical Guideline_vA_A4_042026

Esco can accept no responsibility for possible errors in catalogues, brochures and other printed materials. Esco reserves the right to alter its products and specifications without notice. All trademarks and logotypes in this material are the property of Esco and the respective companies.