



Title: **VR Simulator Room Requirements - Meta Quest 3**

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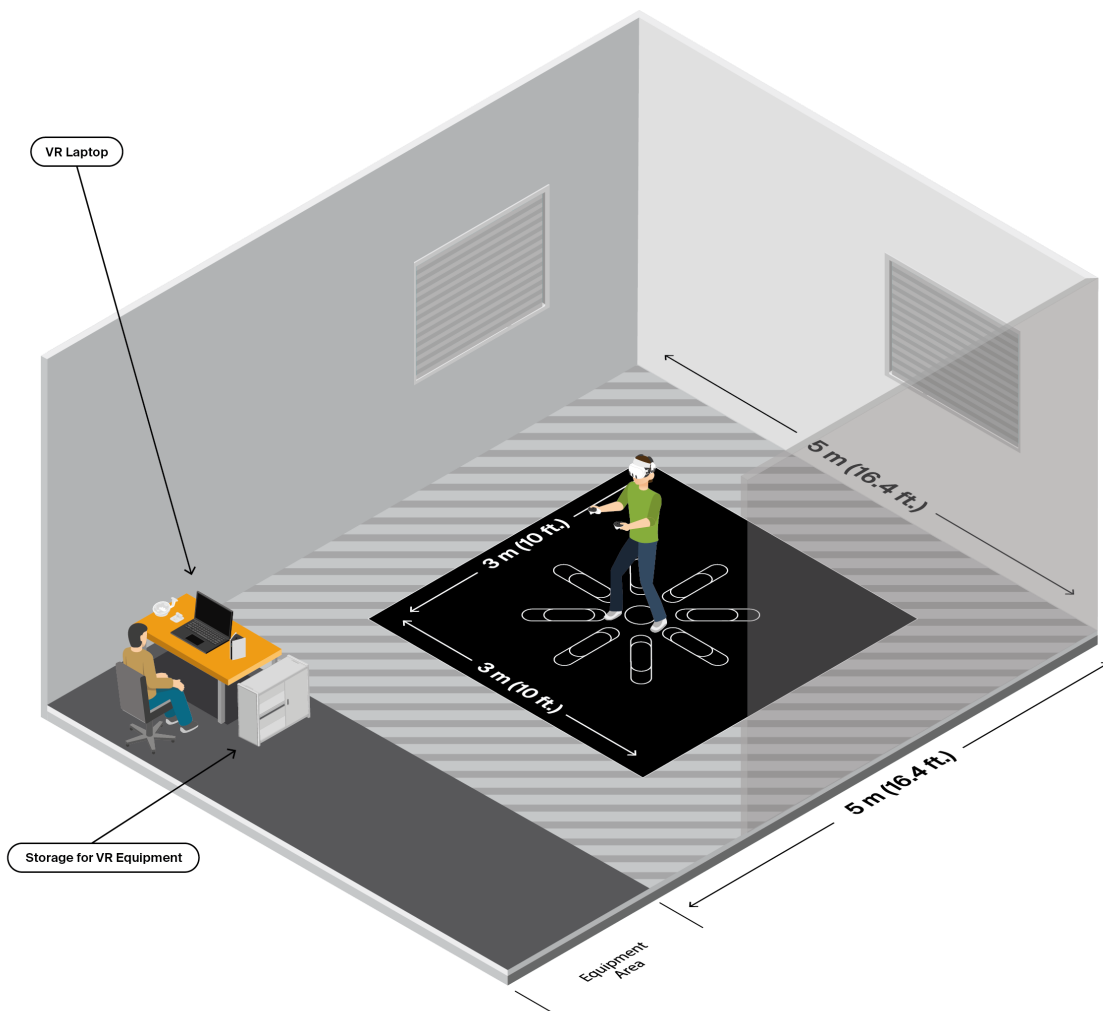
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Room Requirements

To ensure the safe and effective operation of a VR Simulator Training system, the following room size and electrical requirements must be met in order ensure safe and effective trainings with the Innerspace VR Simulator.

Room size

It is recommended to have a dedicated room to perform the trainings with the VR Simulator. The following sections specify the required minimum size of the **training area** and **equipment area**.



Training area

The training area must have a minimum size of 5 m x 5 m (16.4 ft. x 16.4 ft.). This size is necessary to ensure a virtual reality play area of 3 m x 3 m (10 ft. x 10 ft.) plus a 1 m (3.2 ft.)

safety distance to the boundaries of the room on each side of the play area.

Equipment Area

The virtual reality training sessions are all started from the VR laptop. Additional space with a desk is therefore required to correctly set up all the equipment.

As shown in the illustration above, the equipment should be placed outside of the training area and near to a power supply.

Furniture

The following items are needed in the room to allow a successful installation of the VR Simulator equipment.

- A standard desk measuring at least 120 cm x 80 cm (3.9 ft. x 2.6 ft.) for the Simulator laptop and the additional equipment
- A locker measuring 110 cm x 104 cm x 42 cm (3.6 ft. x 3.4 ft. x 1.4 ft.) (w x h x d) in order to securely store the equipment on the VR headset between training sessions.



Example illustration of furniture

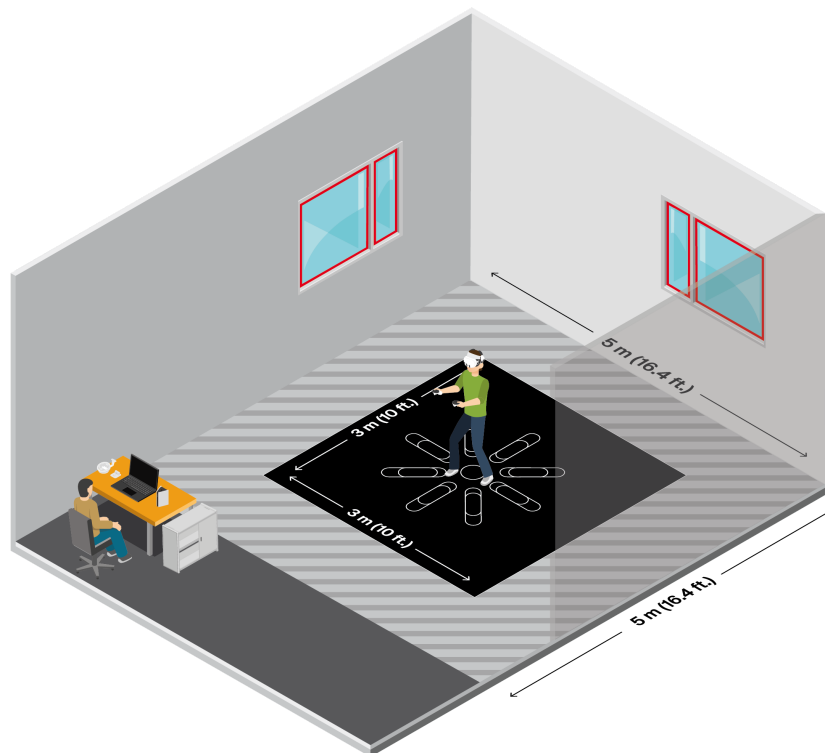
Electrical requirements

This section provides information on the minimum required electrical infrastructure of the room.

- Access to **two power plugs** in the equipment area for power supply of the equipment (100-240 VAC, 50-60Hz)

Covering Reflective Surfaces

It is recommended to cover reflective surfaces such as windows and mirrors as they could in some cases interfere with the virtual reality tracking system. Internal blinds or curtains could be used to cover the windows from the inside. If there is no possibility to install these, windows and reflective surfaces can also easily be covered with paper or cardboard if needed.



Reflective surfaces marked in red