



Tutorial:

Overview of Virtual Reality technology and equipment

Training workshop by VR4VET consortium

<https://vr4vet.eu/>

# Meta Quest 2

Producer: Meta

Release year: oct. 2020

Resolution: 1832 x 1920

Frame rate: 70-120

Connection method: wireless or wired

Other notes: standalone OS, built-in  
app marketplace

Price: €249.99



# Meta Quest 3

Producer: Meta

Release year: oct 2023

Resolution: 2064 × 2208p

Frame rate: 90-120

Connection method: wireless or wired

Other notes: standalone OS, built-in  
app marketplace, 110° FOV

Price: €549.99



# Meta Quest Pro

Producer: Meta

Release year: oct 2022

Resolution: 1800 x 1920

Frame rate: 72-90

Connection method: wireless or wired

Other notes: standalone OS, built-in  
app marketplace

Price: €1,199.99



# HTC Vive Pro

Producer: HTC

Release year: jan 2018

Resolution: 1440×1600

Frame rate: 90

Connection method: wired

Other notes:

Price: €999



# HTC Vive XR Elite

Producer: HTC

Release year: jan 2023

Resolution: 1920 × 1920

Frame rate: 90

Connection method: wireless or wired

Other notes: standalone OS, built-in  
app marketplace, 110° FOV

Price: €1,099



# Valve Index

Producer: Valve

Release year: jun 2019

Resolution: 1440x1600

Frame rate: 120-144

Connection method: wired

Other notes: 130° FOV

Price: \$999



# Setup

New VR glasses

User account (Meta account)

Factory reset



# Cables

USB-C

Length

Durability

Charging-only vs data

Required (tethered) vs optional (wireless)

# Battery life

Planning play time

Battery extensions

# Glasses

## Comfort:

- Put the front part ON first
- Adjust side and top straps
- Depth adjustment - distance between lenses and eyes
- Distance between lenses to match the distance between eyes

## Cleaning

- Clean with lens wipe
- Disinfect with sanitizer or UVC

# Controllers

Safety straps

Batteries

Buttons

Different models

# Streaming and casting

Quest own casting to PC, TV, phone

Sidequest

# Stand alone and link to PC

Stand alone

Link (or air link) to PC

# Physical space

Stationary vs room scale

Guardian boundary

Floor calibration

Recalibration

Quest 3 passthrough

Space setup

Safety

# Apps



<https://www.meta.com/en-gb/experiences/>



<https://store.steampowered.com/steamvr/>



Home

Games

Apps

Quest+

Wishlist

App Lab



## career

## Apps

[See all](#)

CleanSheet Football

€19.99



Coursera

Get



Tribe XR | DJ Academy

Get



Retreat

Get

## App Lab

These apps may be experimental or still in development.



Career Day VR

Get

👤 App Lab

HBI (Home Builders Institute) Construction  
Career Exploration

Get



VEDX Career Journeys 360

Get

👤 App Lab



Youth Buzz - Career counselling &amp; planning

Get

👤 App Lab