

EXPLORING THE **SPRAY SIMULATOR**

Virtual Reality SPRAY360

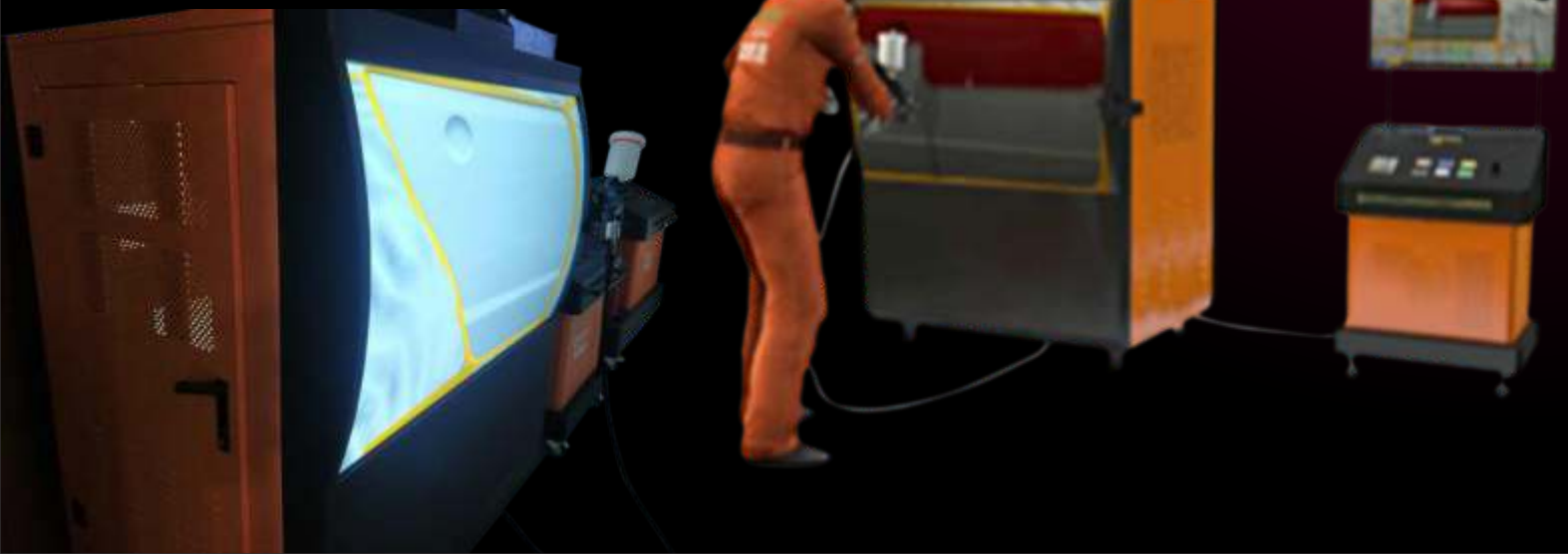
Uses HTC Vive
VR Kit with
real SATA
Spray Gun



Mixed Reality SPRAY

- **CURVED SPRAYING SCREEN.**
Close resemblance to reality.
Better hand stability.

Real Environment spray
painting simulation
without any wearables.



- **TYPES OF SPRAYING PROCESS**

Primer spraying
Colour painting
Varnish coating
Water based paint spraying



- **VARIETY OF SPRAY JOBS**

Front Door / Rear Door
Fenders
Roof cover
etc.



Customization
according to
the car model.



- **SPRAY THEORY KNOWLEDGE**

Safety
Instructions.
Pre-spraying and
post spraying
procedures.

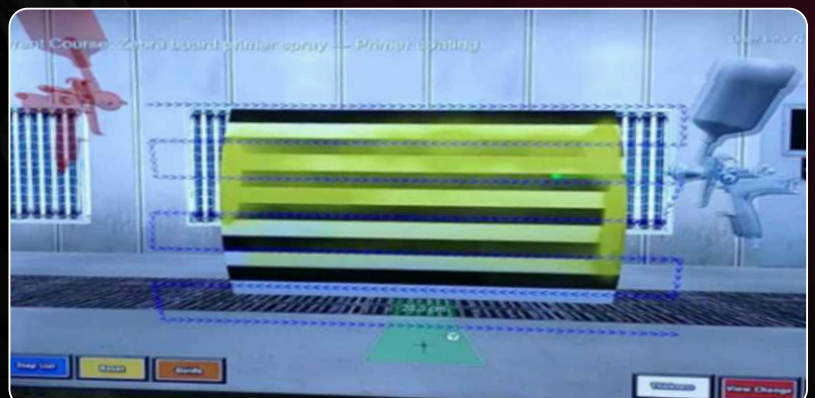
- **GUIDED LEARNING MODE**

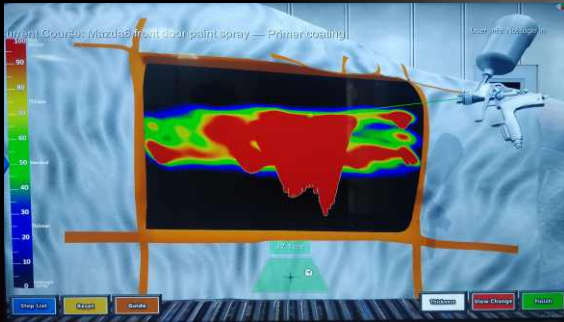
Follow the ghost gun to stabilize
the hand movement.



- **ZEBRA BOARD AND GUIDED MODE**

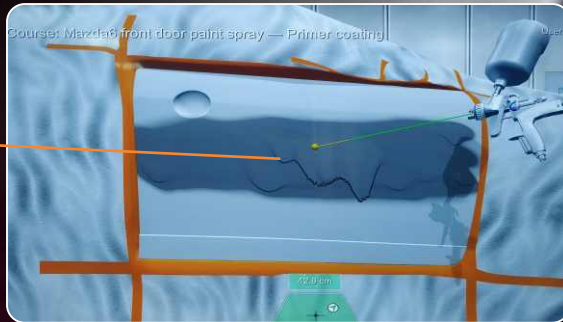
Practice guided curriculum





Yellow –
Too far

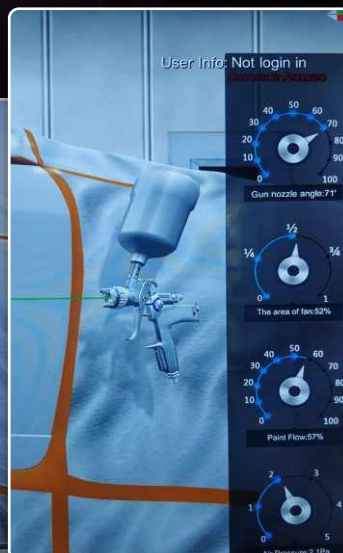
Green –
Perfect distance



Indication for
Angle of spray

• SPRAY GUN ADJUSTMENT KNOBS

Real time knob adjustment details shown on the screen while spraying process is going on.



• REAL-TIME ASSISTANCE TIPS

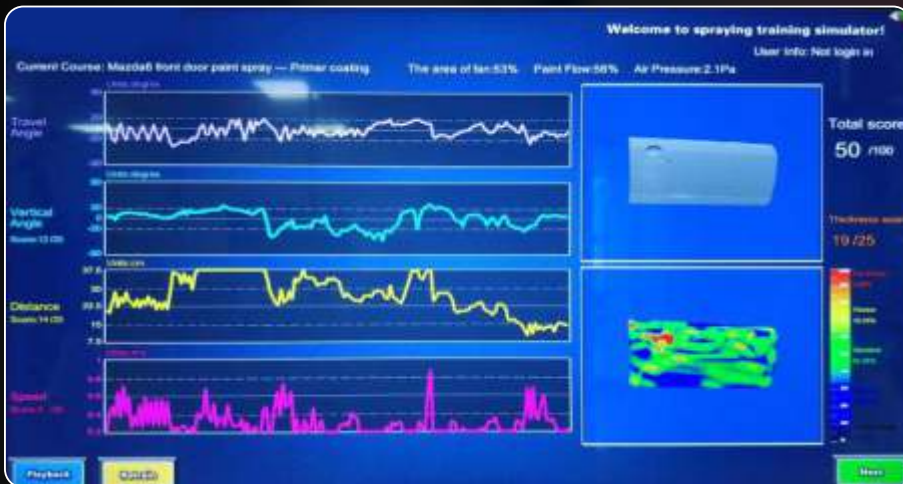
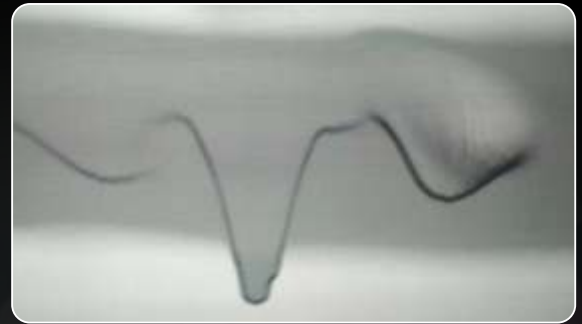
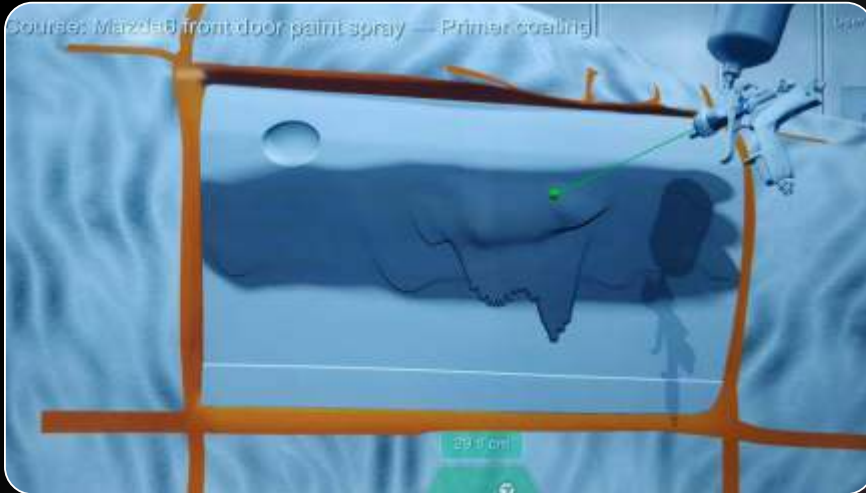
Distance meter
Spray thickness intensity
Angle of spray
Travel Speed

SPRAY GUN FEATURES

- 1 Paint flow adjustment knob
- 2 Air pressure adjustment knob
- 3 Gun nozzle angle adjustment knob
- 4 Area of fan adjustment knob
- 5 Gun positioning button
- 6 HTC Vive Tracker



3D PAINT FLOW FEATURE- BE MORE REAL!

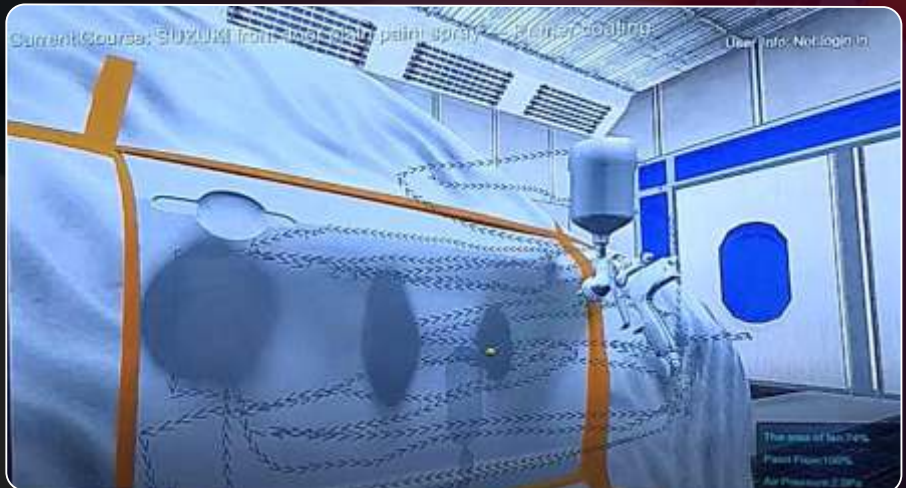


• SPRAY PAINTING RESULTS

The simulator evaluates the spraying course result of the trainee's.

It considers spray parameters, spray gun adjustment parameters. Graph and score is calculated. Spray thickness intensity graph is also displayed.

- **VIDEO PLAYBACK & SHARING** – learn from your mistakes !
The trainee and teacher can analyse the mistakes after the spraying process is completed.
Displays the path of spray gun with 360degree playback video.



- **DYNAMIC LEVEL TASKS**
Basic training | Primary training | Intermediate training | Advanced training

SIMBOTT VR - MEET THE REAL WORLD.

SIMBOTT
Simulation Technology

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