Introduction to Optoelectronic Technology Simulation Software

2024-7

Overview

PART 01

Optoelectronic Technology Practical

Demonstration Simulation Software

Optoelectronic Technology Practical Demonstration Simulation Software

Product Description:

The Optoelectronic Technology Practical Demonstration Simulation Software integrates Mixed Reality (MR) technology to merge the real and virtual worlds, creating an immersive, visualized training environment.
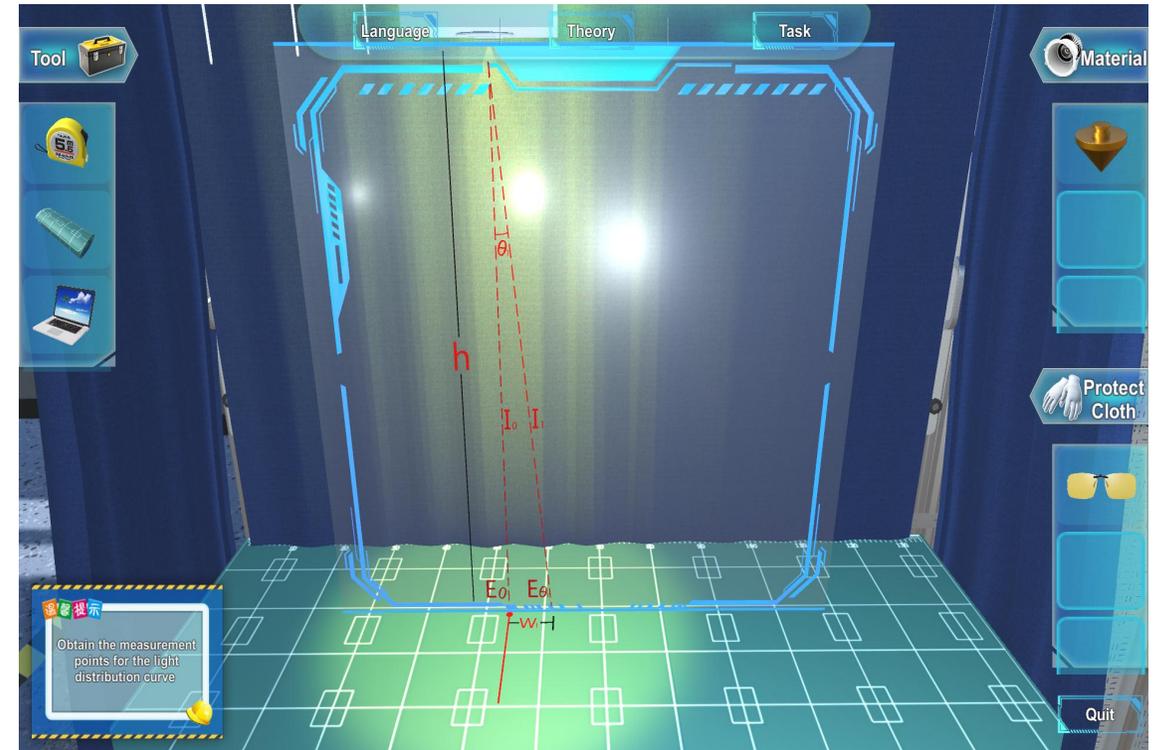
Through this software, learners can align with WorldSkills Competition - Optoelectronic Technology skill competition standards, become familiar with tools, and understand module operation processes.

It helps deepen the understanding of skill points, familiarize learners with operational workflows, assist in teaching, and enable anytime, anywhere learning and skill improvement in optoelectronic technology, **while reducing the consumption of physical training materials**

Optoelectronic Technology Practical Demonstration Simulation Software

Product Features:
1. Combines virtual and real elements for a realistic hands-on experience.
2. 3D visualization provides a clear, step-by-step operational guide.
3. MR-based practical software enables real-time operation and flexible learning.
4. Skill training and improvement without dependence on physical equipment or materials.
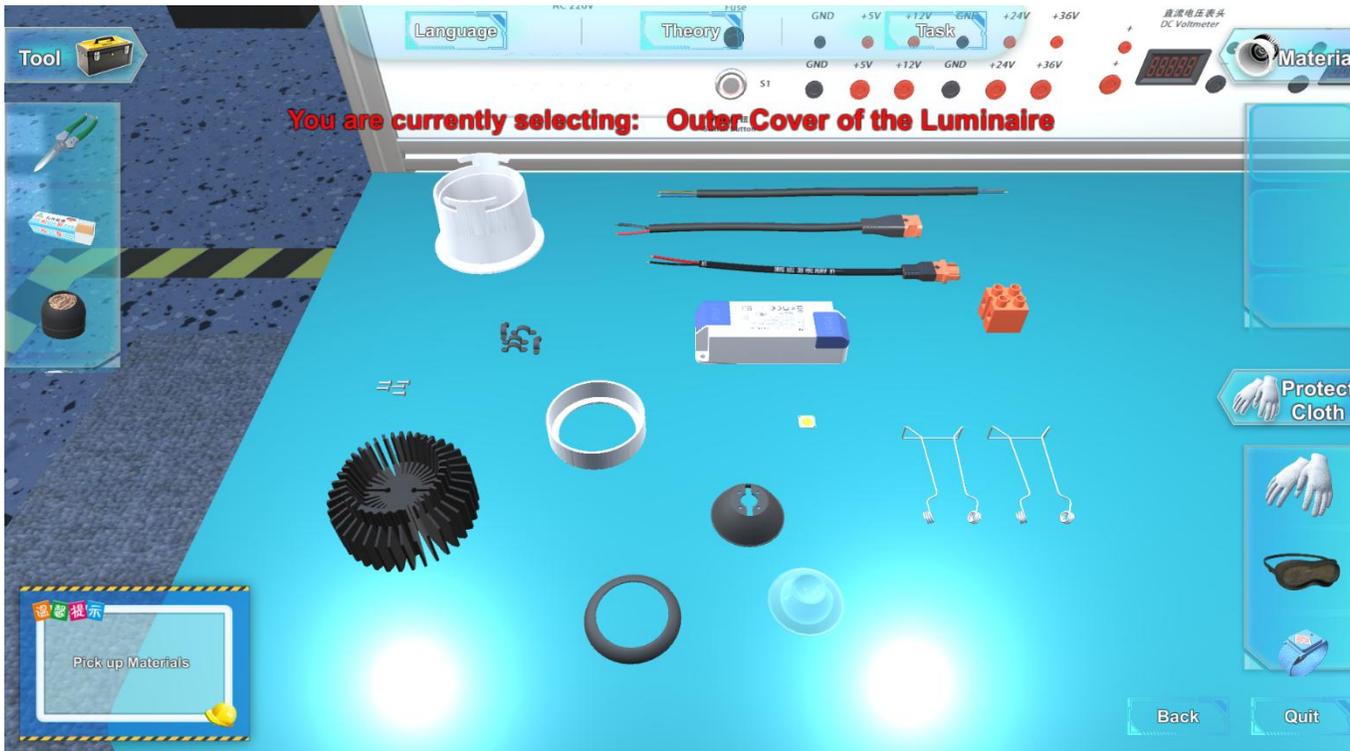5. Accessible anytime, anywhere, unrestricted by geographic location.

Optoelectronic Technology Practical Demonstration Simulation Software

Product Functions:

1. Secure Access: The software is encrypted for data protection. Users must ensure an internet connection, then log in using the account and password provided by VCOM to access the system.

Optoelectronic Technology Practical Demonstration Simulation Software

Product Functions:

2. Cost Efficiency: Enables repeated skill practice without consuming physical materials, effectively reducing training costs.

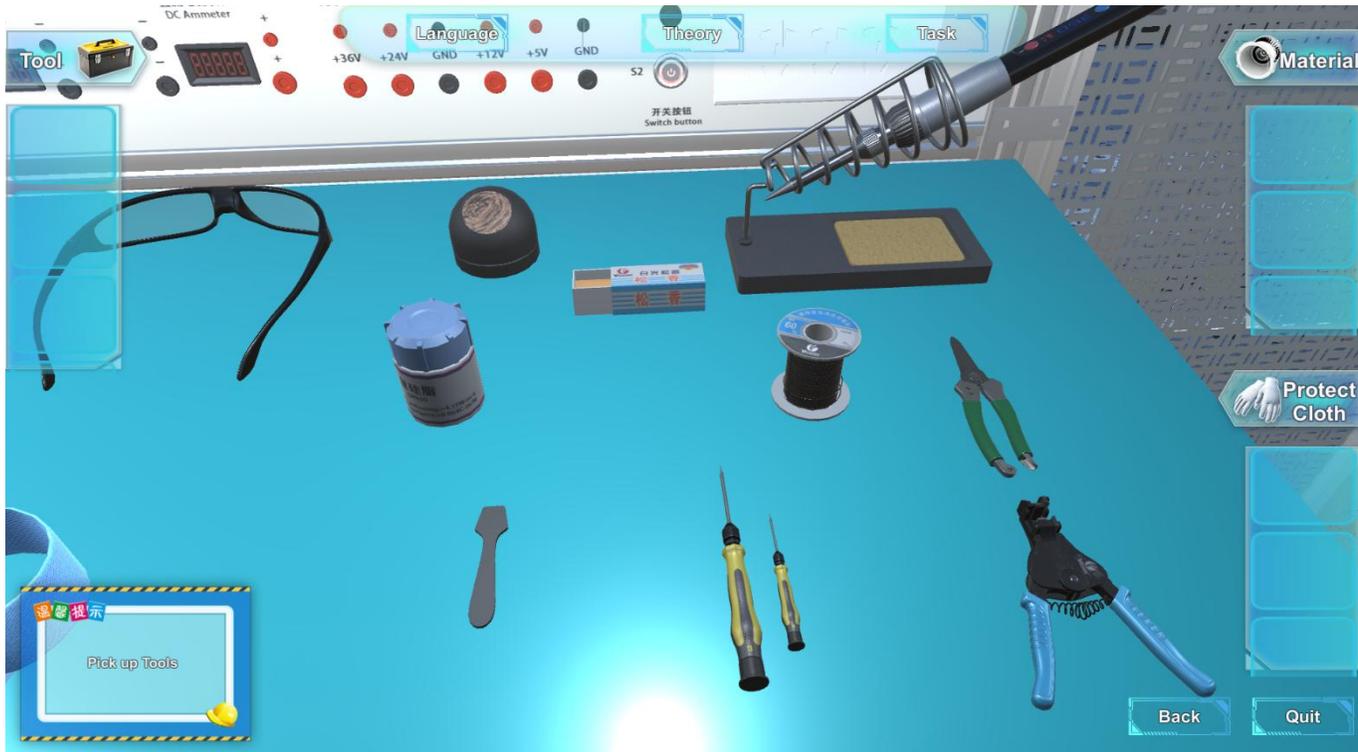# Optoelectronic Technology Practical Demonstration Simulation Software

Product Functions:

3. Multi-Module Training: Users can select practical modules for training. Currently supports three modules: Module A: LED Lighting Installation and Measurement, Module B: Intelligent Lighting Control System Installation and Implementation, Module C: LED Display Installation and Commissioning
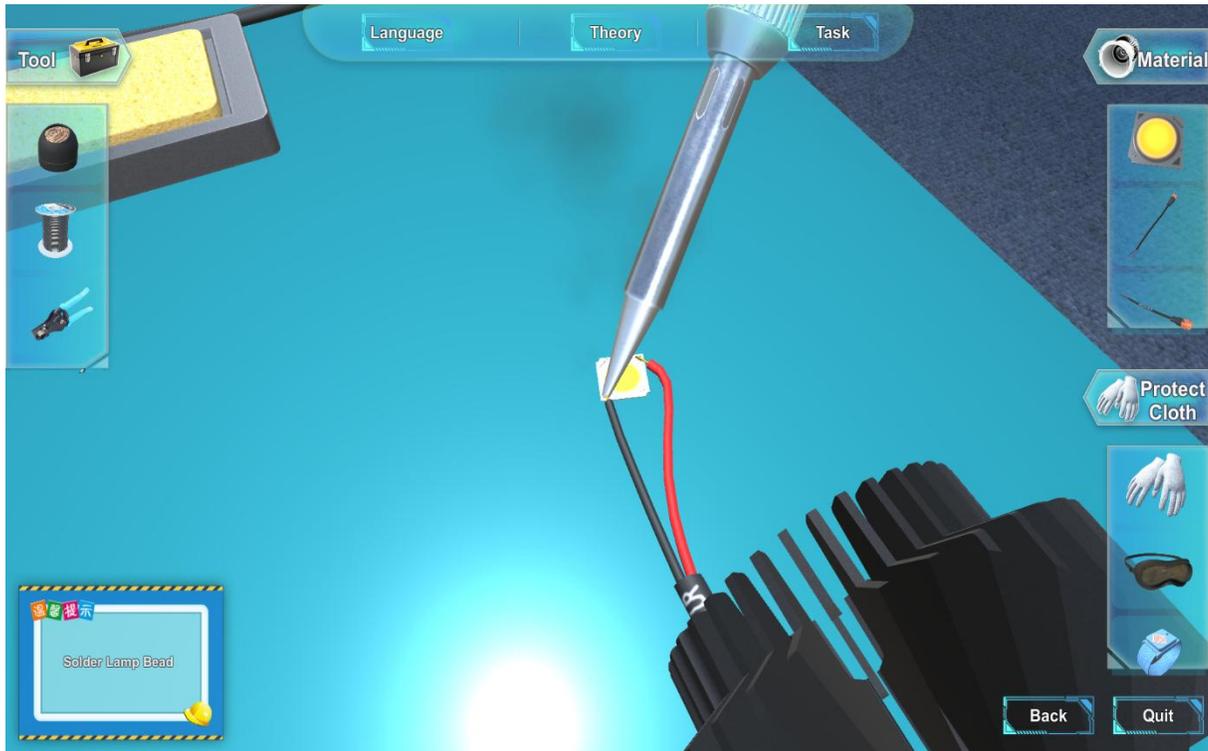
Product Functions:

4. Bilingual Support: Supports both Chinese and English interfaces; includes theoretical knowledge learning and step-by-step guidance.

Product Functions:

5. Tool Selection Guidance: Visual prompts help users choose required tools, protective gear, and materials for each module.

Product Functions:

6. AI-Guided Operation: Users follow simulation steps and AI guidance to complete each training module. Incorrect operations prevent progression to the next step.

PART 02

Optoelectronic Technology Product

Display Simulation Software

Product Description:

The Optoelectronic Technology Product Display Simulation Software uses MR technology to merge the real and virtual worlds, creating an interactive and immersive product showcase environment.

Through this software, users can learn about WorldSkills Competition - Optoelectronic Technology equipment, competition modules, tools, and consumables.

By simulating real optoelectronic environments, it visually presents the structure and functions of optoelectronic products, meeting diverse display needs. The realistic 3D scenes enhance user engagement and understanding of product systems and functional modules.

Optoelectronic Technology Product Display Simulation Software

Product Features:

1. Combines virtual and real visual presentation of optoelectronic technology products.
2. 3D visualization of equipment, modules, tools, and materials.
3. Flexible and portable, unaffected by location or setting.
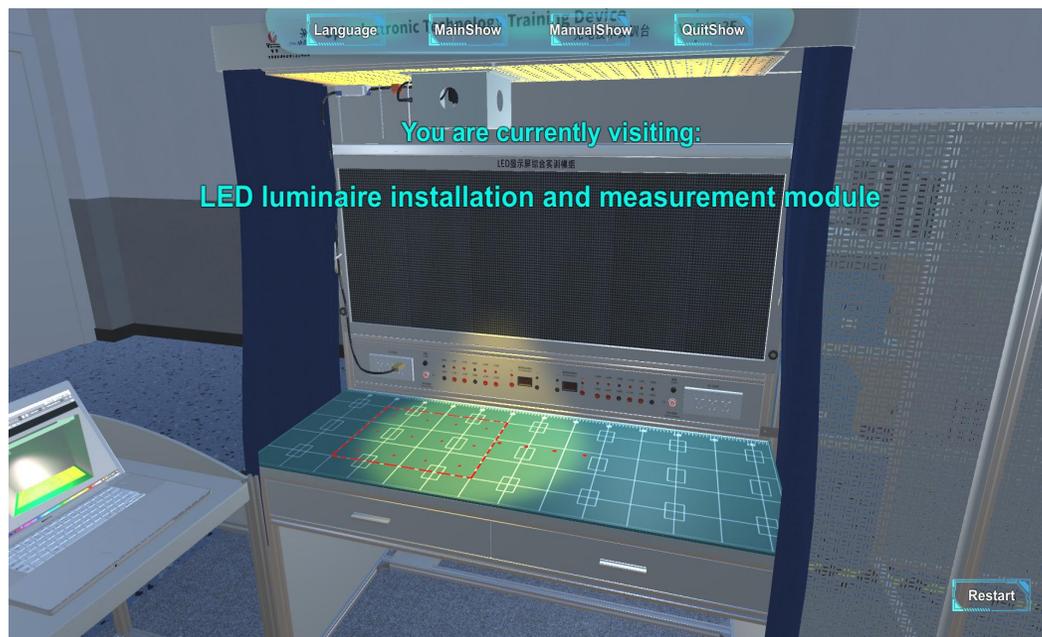4. Innovative display technology that attracts greater customer attention.

Optoelectronic Technology Product Display Simulation Software

Product Functions:

1. 3D presentation of optoelectronic equipment, competition modules, tools, and materials, with AI-based function introductions.
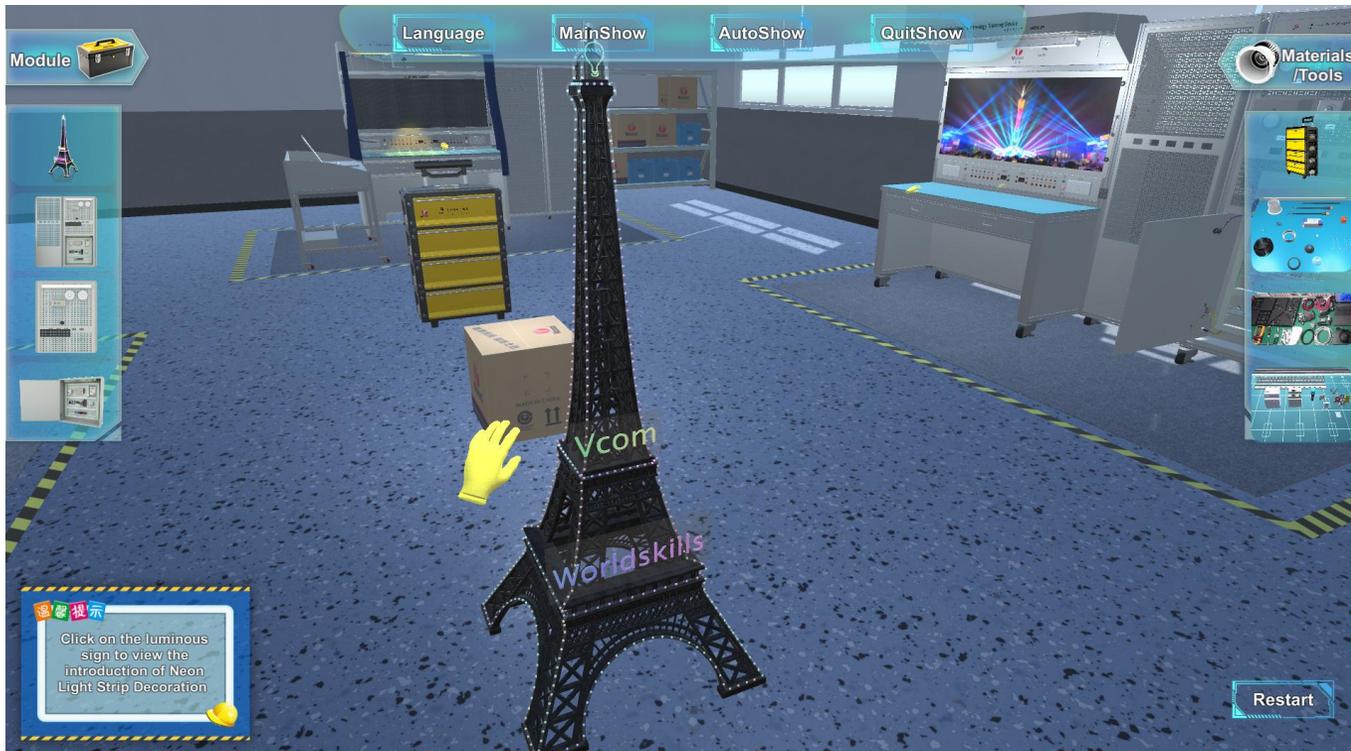
Optoelectronic Technology Product Display Simulation Software

Product Functions:

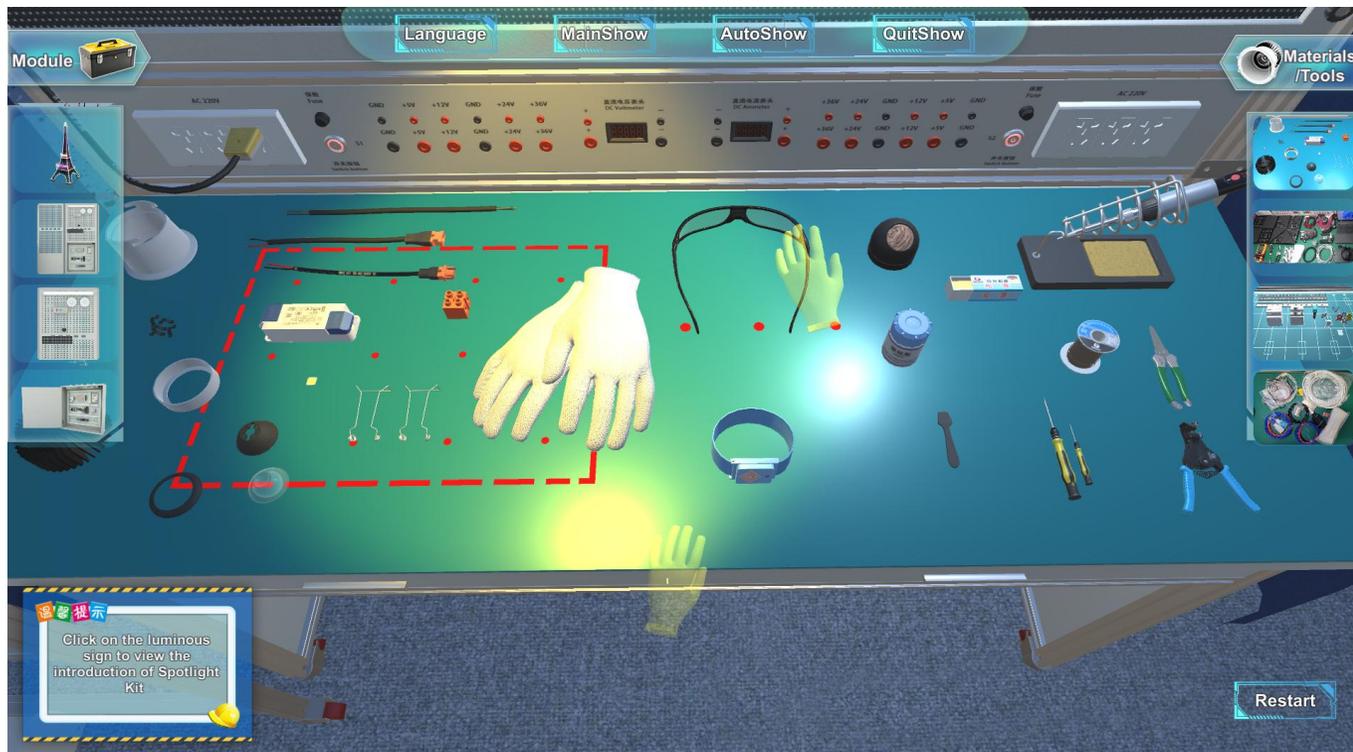2. Supports both automatic display mode and manual demonstration mode, adaptable to different users and scenarios.

Optoelectronic Technology Product Display Simulation Software

Product Functions:

3. AI-guided flashing prompts for intuitive and simple operation.

Optoelectronic Technology Product Display Simulation Software

Product Functions:

4. Supports looped playback and customized selection of display items.

THE END THANKS!

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