

ASMPT enabling the
digital world

ASMPT SMT Solutions



Technical

Using CAD graphics and animations provides an overview of machines, heads, and parts. This enables learning the main subsystems, understanding their functionalities, and performing part exchanges. To enhance knowledge of part exchanges through practical experience, most technical trainings include VR 2D learning modules.

Software

Initially, an overview of the theoretical background of the software is provided. Following this, the learning process begins with guided steps. To reinforce understanding, a practical exercise will follow. In this exercise, the learner is assigned a task to work through independently in a realistic simulation of the software.

Maintenance

Short lessons and real-time visualizations provide detailed information on what needs to be done, why it needs to be done, and which tools and consumables are required. Tasks are displayed with step-by-step instructions, enabling the learner to apply the knowledge directly to their machines and heads.

Operation

In short lessons, learners will be taught operational tasks step by step. A checklist will guide them through each operational step. There are various courses available for different tasks, including machine start-up, shutdown, splicing different tapes, and setting up various feeders and stencils.

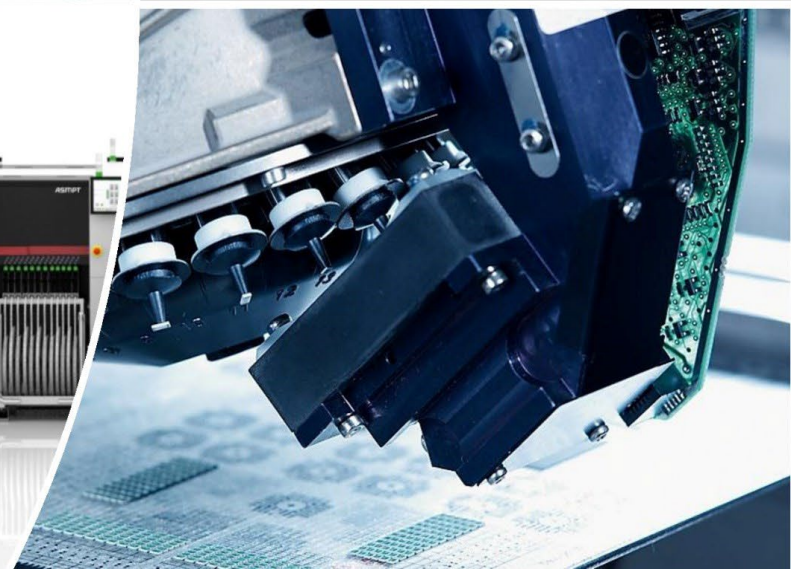
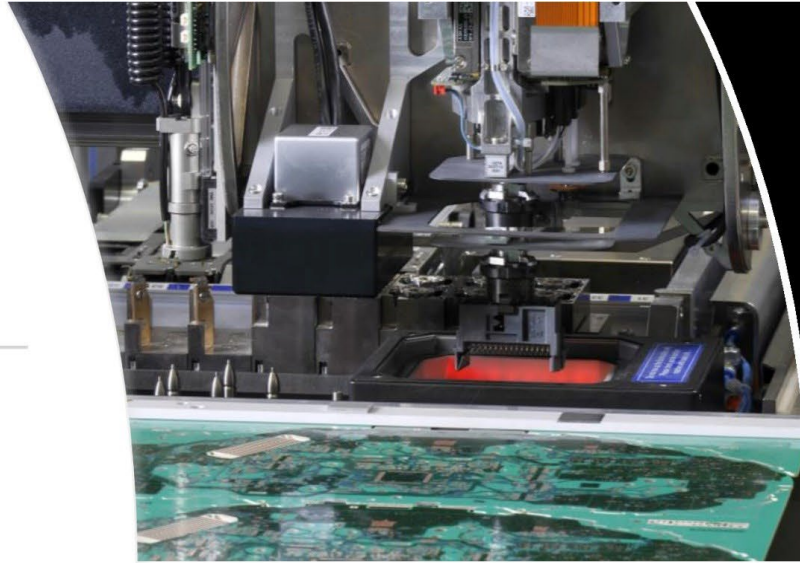
Virtual Reality

For those needing practical experience or a knowledge refresher, virtual training rooms are available. Learners can practice on machines, train workflows, and carry out assembly and disassembly steps as often as needed, anytime and anywhere, through 2D and 3D Virtual Reality courses. This allows knowledge acquisition without the risk of equipment damage. Virtual training rooms can be accessed in 2D on a computer via mouse navigation or in 3D using a powerful computer with a controller and compatible VR glasses.

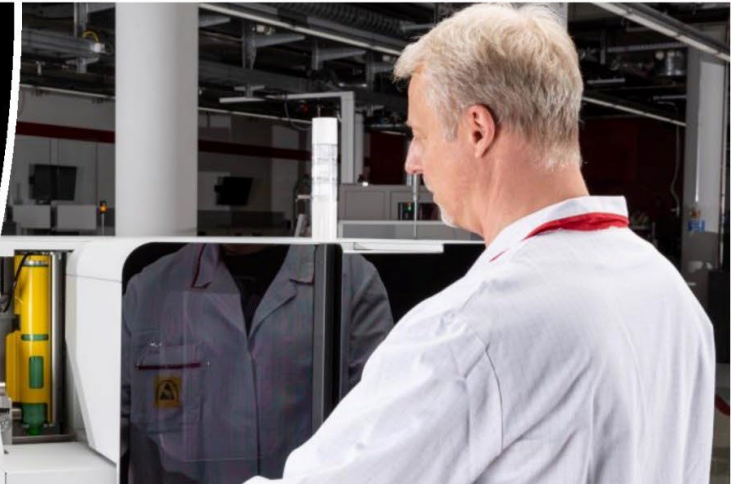
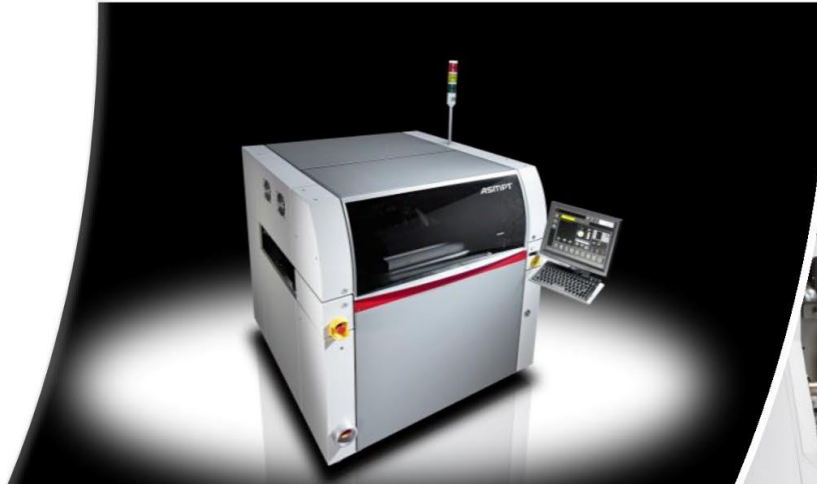
Devices for Virtual Reality 3D

- Oculus / Meta Rift S bzw. Quest 2
- HTC Vive (Pro) / Vive Cosmos
- Windows Mixed Reality (e.g., HP Reverb G2)

Placement Solutions



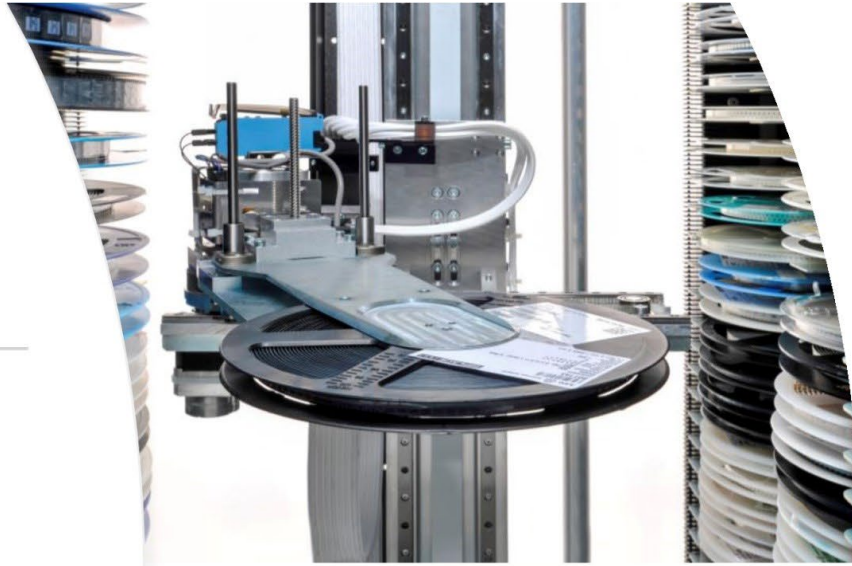
Printing Solutions



Software Solutions



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