

SINGLE PICK AND PLACE TOOL

SPPE100, SPPE125
SPPE150, SPPE200
SPPE75/100, SPPE150/200



SUPPLIERS TO THE SEMICONDUCTOR INDUSTRY



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DESCRIPTION

EMU Technologies SPPE is a Single Wafer Pick & Place machine that uses a non-vacuum end effector to transfer wafers within or between cassettes with a typical throughput of 400wph.

The SPPE is the next generation of the Recif/EMU SPP range, which has been installed at wafer fabs across the world since the late 1990's.

SPPE is under internal PC control and uses a Touchscreen Interface for recipe selection and equipment maintenance. Specific process recipes can be created. The interface language can be configured on request. EMU is also able to offer a SECS/GEM interface with SPPE.

EMU has introduced a new electronics and motor system to the SPPE, which drastically reduces the cost of ownership in comparison with older generation machines.

SPPE can handle multiple wafer thicknesses, different cassettes and multiple wafer sizes, with Operator Selection stages possible before any transfer.

The SPPE offers true ESD Protection for wafers and cassettes.



FACILITY REQUIREMENTS

100/240V AC – 50-60Hz - 2A



SPECIFICATIONS

Throughput: 400wph

Footprint: L 764 x W 677 x H 645mm



OPTIONAL EXTRAS

TAIKO/MEMS Handling (Edge Contact)
Tilting Load Stage and
Dedicated Load Stage
SECS/GEM Interface
External UPS
Multi Wafer sizes available



This tool has been designed under license from Recif Technologies using the same design principles, materials and kinematics as were used in the original equipment and wafer fabs around the world.