

SPPE TABLETOP WAFER SORTER

SPPE150SORT, SPPE200SORT
SPPE100/150SORT
SPPE150/200SORT



SUPPLIERS TO THE SEMICONDUCTOR INDUSTRY

DESCRIPTION



Web: www.emutech.com
Email: info@emutech.com
Tel: +441935 813313

SPPE-SORT is a table top Wafer Sorter based around the Recif/EMU Single Pick & Place series that has been installed at wafer fabs across the world since the late 1990's. The machine uses vacuum free handling to transfer and align wafers.

The machine 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. A SECS/GEM interface is also available.

SPPE-SORT uses the latest Cognex camera system for wafer ID reading and can be configured to read wafer ID's on the front and backside of the wafer.

SPPE-SORT can handle multiple wafer thicknesses and different cassettes, with an Operator Selection stage possible before any operation. Full edge contact handling is available for MEMS/TAIKO applications.

SPPE-SORT offers true ESD protection for wafers and cassettes.

SPPE-SORT is available for wafer sizes from 75mm to 200mm, with mixed wafer size handling possible.



FACILITY REQUIREMENTS

100/240V AC – 50-60Hz - 2A



SPECIFICATIONS

Throughput: 120wph
Footprint: L 781 x W 997 x H 645mm
Read Rate: 99.98%



OPTIONAL EXTRAS

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

SPPE150
SORT

SPPE200
SORT

SPPE
100/150
SORT

SPPE
150/200
SORT



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.