Sigma MAG

Magazine handler
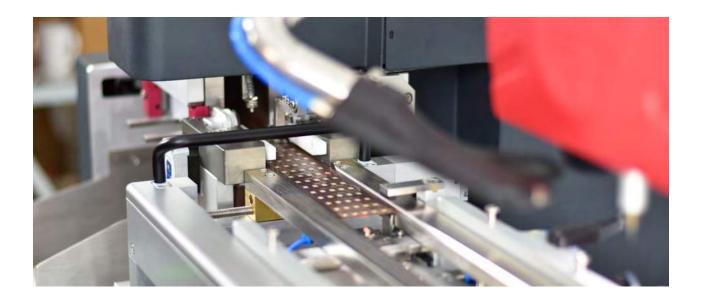

Automated lead frame testing

The Sigma MAG comes with an independent lead frame (un)loader for hands-free bond testing. The handler is compatible with OHT and AGV and allows top and front-loading of multiple types of:

- Lead frames
- Cassettes
- Magazines
- PCBs
- Flex
- Boat carriers

Sigma MAG

Slot and device selection

Matrix programming allows you to test a variety of position types, including repeating positions, like:

- Rows and columns
- Specific or randomized locations
- Predefined test location from remote protocols driven by SECS/GEM functionality, and more!

Automatic width adjustment

Because of its extended 600 mm X stage, the Sigma MAG can accommodate lead frames up to 100x240 mm. To ensure fast, simple, and repeatable changeovers, you can use automatic width adjustment.

Waffle tray loader

Automated waffle tray loading (pick and place)

Quickly test whole waffle trays of samples without operator intervention. You can program a waffle tray loader on your Sigma MAG to pick the sample from the waffle tray and place it into the clamper and vice versa.

Safety Cabinet

Sigma
MAG

For SEMI S2, combine a Sigma with a safety cabinet

This option guarantees extra safety during automatic bond testing and protects the operator from moving parts. The cabinet fulfills the standards for safety and ergonomics, and it keeps the test debris away to ensure a clean working environment.

- Stable lighting for camera stability, because of semi-transparent covers, which block ambient light
- Mobile user interface for free positioning over the full cabinet length
- Joysticks, keyboard, and mouse are always accessible in a transparent protected and extractable drawer
- Optional automatic loading from AGV or OHT
- CE and TÜV certified