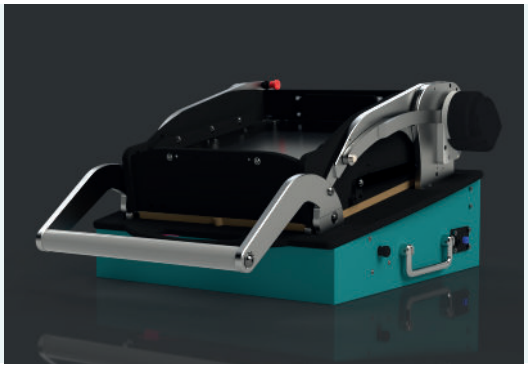
FACT SHEET

NEW: MMI-AOC-E
Electrical auto-open-close module

HIGHEND FIXTURE SOLUTIONS

Discover the innovative AOC-E module—an automatic electric opening/closing system
An electric servo drive for automated opening, closing and contacting of your mechanical test fixture. Specially designed to optimize your workflows and increase your productivity, it supports both manual and fully automatic tests and offers a simple addition to your test system or a retrofit for later adjustments as quantities increase. Independent, round-the-clock testing by robots further contributes to increased efficiency.



Product highlights

A sophisticated module including control and software for your test processes.

- ✔ Standard for selected test adapters of the MMI series
- ✔ Powerful 24 V servo motors
  - 2 motors for ≦ 3 kg hood removal weight
- ✔ Tested for up to 1 million strokes with even needle distribution (800 N) and symmetrical removal
- ✔ Unrestricted robot operation thanks to a 90° opening angle
- ✔ Increased productivity through automatic hood opening and closing at the end of the test
- ✔ Efficient test execution by robots, without taking over the hood operations
- ✔ Simple retrofitting for later adaptation as quantities increase
- ✔ Individual adjustment of paths, speeds, and forces via controller software
- ✔ High-quality material selection for long service life: All parts made of aluminum
- ✔ Included control electronics for communication via RS232
- ✔ Easy switch to manual operation without any disassembly

General data

Product:	MMI-AOC-E
Product family:	Automation
Product category:	Automatic opening/closing
Product type:	Value-added component
Drive type:	Electrical
Expandable:	Yes
Compatibility:	Standalone: MMI-Series
	Exchange system: MMI-Series

Technical data

Voltage:	24 V
Contact force:	800 N
Opening angle:	90° degrees
CE marking:	Ja
RoHS compliance:	Ja
ESD compliant:	Ja

Variants | MMI-AOC-E

Auto-Open

- The operator inserts the assembly into the test fixture and closes the hood manually.
- The fixture opens the hood automatically at the end of the test.
- The operator removes the assembly and starts the process again by closing the hood manually.

Auto-open/close in a secure area – CAUTION: not operator-safe

- Automatic process including insertion and removal of the assembly via automatic feed
- Use in a secure area in conjunction with a robot

Maintenance recommendation

We recommend that you check the wear parts regularly to ensure long-term use under optimal conditions.

ATX Hardware GmbH West | Am Wiesengrund 12 | 86932 Pürgen | Tel. +49 8196 9304-0 | projekte@atx-hardware.de