FACT SHEET

HIGHEND FIXTURE SOLUTIONS

eAOC
Electric auto open & close module



Compatibility technology

General data

Product:	eAOC
Product family:	eLine
Product category:	Automatic opening / closing
Drive type:	Electric
Automation:	Yes
Retrofit capability:	Yes
Stackable:	No
Delivery condition:	Assembled, unassembled
Designed for:	Mechanical fixtures, vacuum fixtures
Endurance test:	Approx. 2 million cycles

Compatibility:

MMI-series | MMIWG2-series
ME2-series
Vacuum-series
Leitec FamilyBox, Vacuum
Tested third-party test fixtures (see page 4)

Scope of supply

Software & Control
- Integrated control electronics with RS232 interface
- Embedded Auto Open & Close control software
- PC software for initial commissioning and parameter configuration

Mechanical Integration
- Mechanical adaptation of the motors
- Push rod for automatic opening
- Replacement of the guide mechanisms for a 90° opening angle (when retrofitting existing mechanical test fixtures)

Installation & Wiring
- Complete wiring of all components
- Required additional materials for cable routing and feed-throughs (if the electronics cannot be integrated into the fixture housing during retrofit projects)

Technical data

Voltage:	24 VDC
Contact force:	Min. 800 N
Opening angle:	90°
Control system:	RS232 electronics
Number of motors:	2
Motor configuration:	Encoder function ~ optional ~
CE marking:	Yes
RoHS-compliance:	Yes
ESD-compliance:	Yes

Delivery condition:

Delivery is available either pre-assembled or unassembled. For self-assembly, a detailed installation manual is provided.

Maintenance & Spare Parts

We recommend regularly inspecting wear parts such as bearings, bushings, gas springs, and similar components to ensure long-term operation under optimal conditions.

Explanatory videos & Application examples

On our YouTube channel, you will find a dedicated product video showcasing our eAOC Module. In addition, our website features practical application examples that demonstrate the module's use in real-world testing environments.

Inquiry Options

Call us or simply send us an email!

+49 8196 9304-0
projekte@atx-hardware.de
www.atx-hardware.de

FACT SHEET

eAOC | for mechanical test fixtures
Electric auto open & close module

eAOC Module

The eAOC Modules are designed specifically for individual fixture types and enable flexible automation of a wide range of test fixtures. **Each package includes the eAOC drive mechanism, software, and control unit, but does not include the test fixture itself.** Mounting components and power supplies are available separately.

Note: For higher contact forces, the use of two motors is required to ensure symmetrical force transmission and a reliable, repeatable Auto Open function.



eAOC drive unit with controller
for **MMI-B** and **MMI-C**

Article-No. 269112



eAOC drive unit with controller
for **MMI-D** and **MMI-E**

Article-No. 269110



eAOC drive unit with controller
for the **MMIWG2-series**

Article-No. 269123



eAOC drive unit with controller
for the **ME2-series**

Article-No. 269122

Note: Additional fixture series and customized solutions are available upon request.

eAOC Assembly

The eAOC module can either be integrated directly into new test fixtures or retrofitted into existing systems by ATX. For installation, the corresponding assembly service must be ordered separately in addition to the eAOC Module.

eAOC
Installation & Functional test

- eAOC drive unit including mechanical adaptation
- Control unit
- Motor cable routing
- USB pass-through connector
- Power connector

Art.-No. 120606

eAOC Options & Spare Parts

For the eAOC drive mechanism, we offer a range of accessories and spare parts. Additional spare parts, such as gas springs, locking pins, and other components, can be found in our accessories brochure.

Desktop power supply 120 W
(120 W, 24 V, 5 A, MW GST120A24)
compatible with: MMI-B/-C, MMIWG2-series

Art.-No. 558057

Desktop power supply 220 W
(220 W, 24 V, 9,2 A MW GST220A24)
compatible with: MMI-D/-E, ME2-series

Art.-No. 558036

Note:
Fixtures without a 90° opening angle or older fixture models.

If your fixture does not currently feature a 90° opening angle and belongs to an older product series, we will first evaluate whether and to what extent an eAOC Module can be retrofitted.

For more information, please feel free to contact our sales team or your personal ATX contact at any time.

Ordering & Inquiry options

Call us or simply send us an email!

+49 8196 9304-0
projekte@atx-hardware.de
www.atx-hardware.de

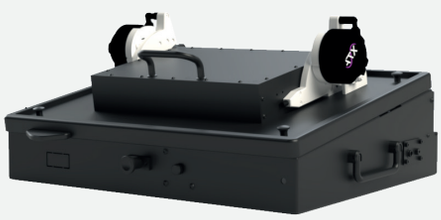
FACT SHEET

HIGHEND FIXTURE SOLUTIONS

eAOC | for vacuum test fixtures
Electric auto open & close module

eAOC Module

Our vacuum test fixtures can be equipped with either a single-sided or a dual-sided drive unit, depending on the fixture type and configuration.
Note: For heavier fixture hoods or wider hood designs, the use of two motors is required to ensure symmetrical force transmission and a reliable, repeatable Auto Open function.



eAOC
for the automatic opening and closing of a single-sided vacuum hood with a hood weight of up to 1 kg.

on request



eAOC
for the automatic opening and closing of a double-sided vacuum hood.

on request

eAOC assembly

The eAOC module can either be integrated directly into new test fixtures or retrofitted into existing systems by ATX. For installation, the corresponding assembly service must be ordered separately in addition to the eAOC Module.

eAOC
Installation & Functional

- eAOC drive unit including mechanical adaptation
- Control unit
- Motor cable routing
- USB pass-through connector
- Power connector

Art.-No. 269112

eAOC Options & spare parts

For the eAOC drive mechanism, we offer a range of accessories and spare parts. Additional spare parts, such as gas springs, locking pins, and other components, can be found in our accessories brochure.

Desktop power supply 120 W
(120 W, 24 V, 5 A, MW GST120A24)
suitable for: single-sided fixture hood

Art.-No. 558057

Desktop power supply 220 W
(220 W, 24 V, 9,2 A MW GST220A24)
suitable for: double-sided fixture hood

Art.-No. 558036

Note:

All vacuum test fixtures are supplied with a **90° opening angle as standard.**

This allows the eAOC Module to be integrated or retrofitted easily and at any time, regardless of the specific fixture model, without requiring any modifications.

Feel free to contact us at any time for further information.

Ordering & Inquiry options

Call us or simply send us an email!

+49 8196 9304-0
projekte@atx-hardware.de
www.atx-hardware.de

FACT SHEET

HIGHEND FIXTURE SOLUTIONS

eAOC | for third-party test fixtures
Electric auto open & close module

ATX Compatibility technology

eAOC Module

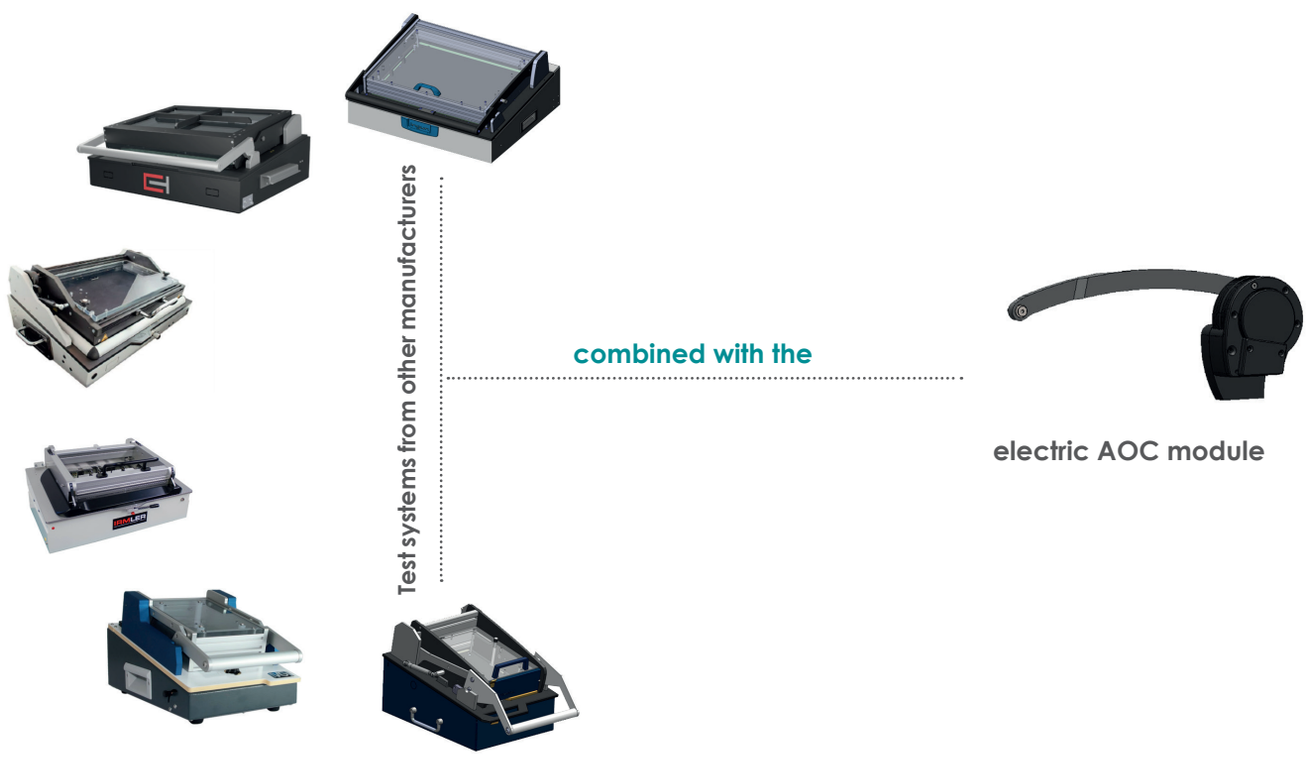
Our eAOC Module has been deliberately designed not only to automate ATX products, but also to enable the straightforward adaptation of existing systems from other manufacturers. Numerous third-party fixtures have already been successfully tested, and compatibility with additional systems can be evaluated on a case-by-case basis. This allows any test environment to be expanded cleanly and scalably without requiring design modifications.

Test systems from other manufacturers*

The eAOC module is technically compatible with and can be retrofitted to the following selectively tested third-party test systems*:

INGUN | GPS Prüftechnik | IRMLER | SCHNAIDT | MG-Products | Leitec Test Solutions

**Compatibility available upon request.*



Important Note:

Since third-party test fixtures can vary significantly in their mechanical design and construction, we can only assess on request whether and to what extent our eAOC Module can be integrated into your existing system.

Several third-party systems have already been successfully tested. For other systems, an adaptation and functional test may be required in advance to ensure compatibility and reliable operation.

Ordering & Inquiry options

Call us or simply send us an email!

+49 8196 9304-0

projekte@atx-hardware.de

www.atx-hardware.de