

## ELECTROMECHANICAL / PNEUMATIC FIXTURES

One of our tried and tested high-capacity fixture models is sure to be exactly right for your individual testing environment. If no compressed air supply is available the MEE electromechanical fixture from ATX provides the features you need. Alternatively the MEP pneumatic fixture will also provide outstanding performance. Both are available as stand-alone models or with integrated exchangeable cassette system, and both will enable you to meet with ease the latest requirements regarding safety in the workplace.

### Peak-capacity systems for high quantities.

At ATX we place the focus on technological concepts and continuous innovation for the purpose of enabling you to achieve maximum output in terms of quantity. We enjoy many years of expertise in the development of high performance mechanical test fixtures, all of which today already more than fulfil the increasingly stringent regulations on safety in the workplace.

However, our particular specialisation is in individualising the unit of your choice seamlessly for your specific application, thus helping you to ensure significant competitive advantages. This is achieved with high-quality fixtures which combine a high

level of technical performance with low unit weight and long product life – operating reliably, robustly and with precision even under the most complex test conditions. Economical, ergonomic, for effortless operation and minimal maintenance, enabling you to benefit in the long term.

### The following product lines are available:

**MEE/MEEW** – the electromechanical fixture as a stand-alone unit, optionally supplied with a convenient exchangeable cassette system.

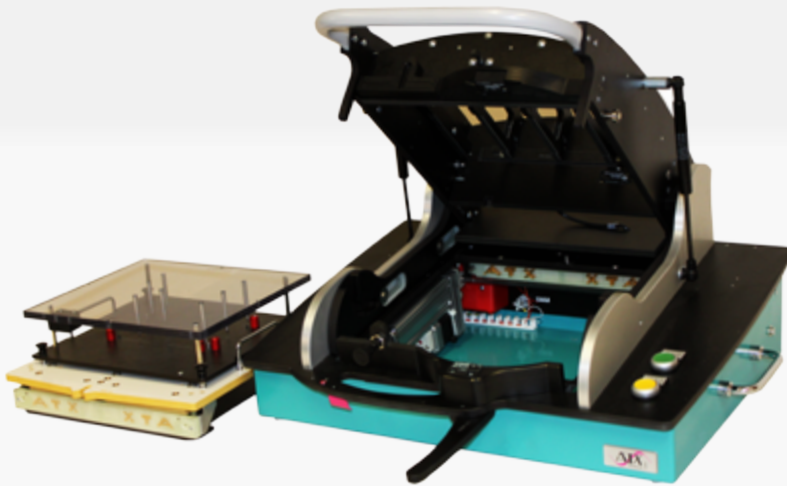
**MEP/MEPW** – the pneumatic fixture, also available as the main stand-alone option or with exchangeable cassette system.

# ELECTROMECHANICAL FIXTURES

## MEE/MEEW – optionally with exchangeable cassette system

### H I G H L I G H T S

- Total ease of operation
- High output quantities
- Tried and tested technology
- Suitable for bi-level operation
- Fully upgradable



### Maximum convenience combined with maximum output

which you can reliably perform day in, day out. For this reason we have consistently designed our mechanical manual testing stations for the achievement of maximum output quantities. Our highly robust MEE electromechanical fixture enables you to create all the right conditions for this. Your operating personnel will benefit in their daily work from fatigue-free operations requiring the least possible exertion of force, while the freely programmable electromechanical drives of the MEE also offer maximum flexibility.

Further outstanding highlights of the MEE include its optionally available, stepless bi-level capability, which enables the maximum level of universal application. This means that the target assembly group can be tested at any required height and in separate stages. Like all the fixtures in our successful ME series the MEE is also ideal for functional testing and small-scale ICT tests involving up to approx. 1000 N.

#### Even more flexibility: the MEEW model variant with exchangeable cassette system.

If you have to change the products to be tested frequently and at short intervals the MEEW model variant with exchangeable cassette system is the right choice for you. This model enables the necessary product switch to be implemented fast and efficiently without tools, with its wear-resistant interface ensuring

interfaces are available for a wide spectrum of special probes such as HF, power or compressed air transfer. And to round off the outstanding features of this model with its integrated exchangeable cassette system, it also has bi-level capability.

#### Electromechanical fixtures\*

Order number	Designation	Moving plate	Standard housing
100845	MEE-B	275 x 230	E01-00002
100846	MEE-C	445 x 310	E01-00025

#### Electromechanical exchangeable basic unit\*

Order number	Designation	Moving plate	Standard housing
100847	MEEWG-A	240 x 275	E01-00002
100849	MEEWG-B	445 x 240	E01-00025

#### Electromechanical exchangeable cassette system

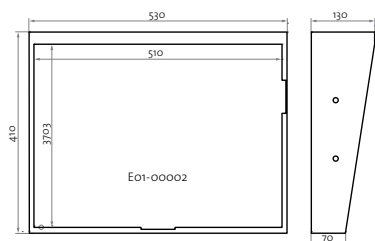
Order number	Designation	Moving plate	Standard housing
100848	MEEWK-A	240 x 275	-
100850	MEEWK-B	445 x 240	-

\*Each supplied with 20 pushfingers and 20 UUT supports. The moving section of the cassette contains an integrated brass plate which short-circuits three probes (probes not fitted) – can be used as a starting signal.

# AVAILABLE HOUSING OPTIONS

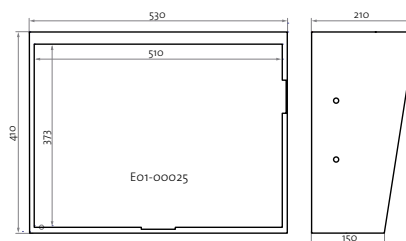
Ensuring that the MEE and MEEW fixtures adapt flexibly to your test environment

Housing with back panel (connectors can be fitted as required)



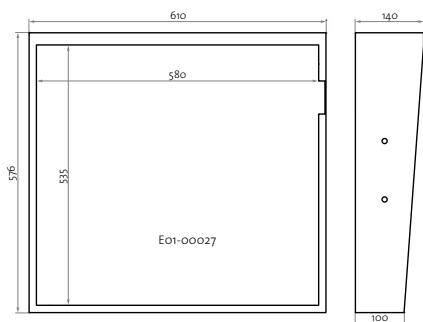
E01-00002

Standard housing for MEE and MEEWG



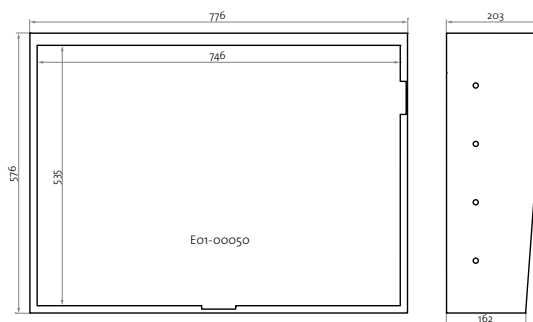
E01-00025

Standard housing for MEE and MEEWG



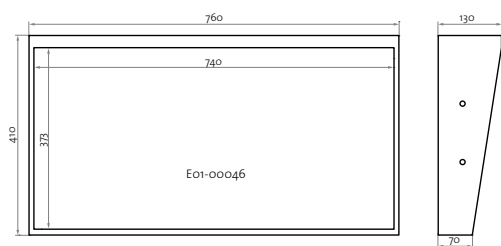
E01-00027

Possible special housing



E01-00050

Possible special housing



E01-00046

Possible special housing

# PNEUMATIC FIXTURES

## MEP/MEPW – optionally with exchangeable cassette system



### H I G H L I G H T S

- Individually upgradable
- Can be equipped variably
- Low cost
- Simple operation
- Bi-level capability

## Adapts individually to your requirements

The MEP model from ATX is perfect if you are looking for an outstanding level of flexibility in your testing environment combined with simple operation by means of the compressed air valve. As a stand-alone fixture your MEP is the perfect solution for functional testing, final testing and small-scale ICT applications of up to approx. 1000N.

With your MEP it's child's play to increase your cycle numbers without having to apply significant power. The MEP represents fatigue-free operation, with the lid opening automatically and enabling the fast replacement of defective parts.

Thanks to its compact construction and space-saving mechanism it can be flexibly combined with many additional components. A special feature which is only available from ATX: the MEP also offers bi-level capability and can, if required, be supplied as a special version with Pylon interface. ATX has tested the MEP with more than 1 million operations under full load, an examination which the unit passed with ease, making it ideally suited to your large-scale production.

### Maximum performance with integrated exchangeable cassette.

As an attractive alternative we can also offer you this model as an MEPW product variant with a pneumatic exchangeable cassette system. This low-cost cassette solution is ideal when your products change regularly because it saves you a great

deal of time by enabling product switching without the use of tools. The wear-resistant interface ensures minimum maintenance and rapid retooling. Individual interfaces are available for a wide spectrum of special probes such as HF, power or compressed air transfer.

#### Pneumatic fixture\*

Order number	Designation	Moving plate	Standard housing
100811	MEP-B	275 x 310	E01-00001
100812	MEP-C	445 x 310	E01-00002

#### Pneumatic basic exchange unit\*

Order number	Designation	Moving plate	Standard housing
100813	MEPWG-A	275 x 240	E01-00002
100825	MEPWG-B	240 x 445	E01-00002

#### Pneumatic exchangeable cassette

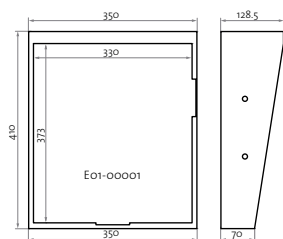
Order number	Designation	Moving plate	Standard housing
100857	MEPWK-A	275 x 240	-
100826	MEPWK-B	240 x 445	-

\* Each supplied with 20 pushfingers and 20 UUT supports. The moving section of the cassette contains an integrated brass plate which short-circuits three probes (probes not fitted) – can be used as a starting signal.

# AVAILABLE HOUSING OPTIONS

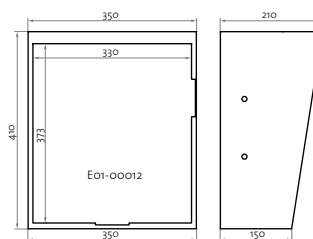
Ensuring that the MEP and MEPW fixtures adapt flexibly to your test environment

Housing with back panel (connectors can be fitted as required)



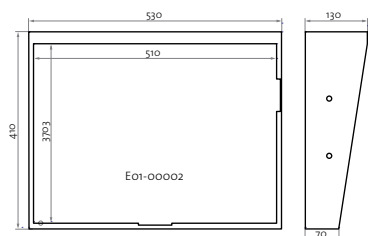
E01-00001

Standard housing for MEP



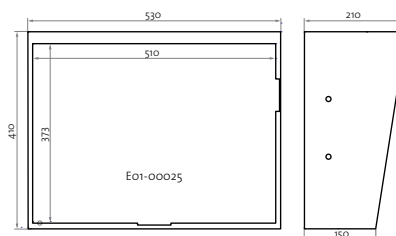
E01-00012

Standard housing for MEP



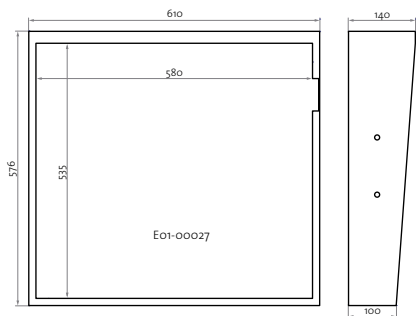
E01-00002

Standard housing for MEP and MEPWG



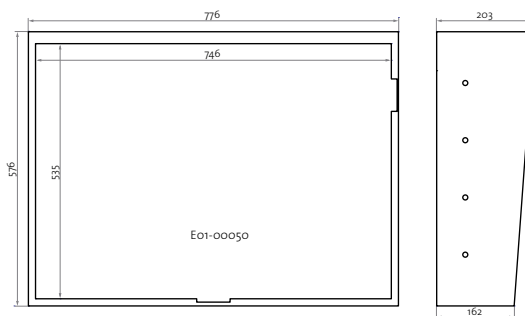
E01-00025

Standard housing for MEP and MEPWG



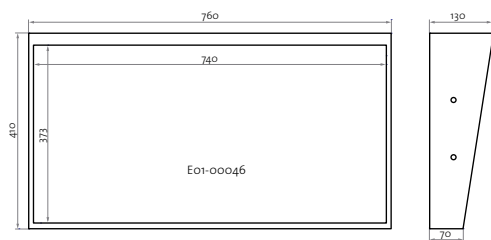
E01-00027

Possible special housing



E01-00050

Possible special housing



E01-00046

Possible special housing

# MEE/MEP INTERFACE

Ideal conditions for efficient operation

## HIGHLIGHTS

The MEWG-IF combined module interface enables the use of 4 pneumatic transfers and 10 high-frequency or high-current probes in addition to the 480 standard probes



## Basic unit



**MEWG-IF  
combined module interface  
Pneu-HF-HS basic unit**

Order No. 100837



**High-current contact  
with receptacle  
combined module interface  
Probe**

Order No. 629001

**Receptacle**

Order No. 689037



**Interfacekontakt Grundgerät  
(Hülsen und Nadel)**

Order No. 101418



**High-frequency contact  
combined module interface  
basic unit 50 Ohm RG178  
with cable (90 cm)**

Order No. 300049



**Pneumatikkupplung  
Kombimodulinterface  
Grundgerät**

Order No. 278256

## Cassette version



### Pushfinger length 45mm

Standard pushfinger ME series with UUT of 1.6 mm thickness and use of UUT supports 439003

Order No. 109220



### Pneumatic coupling combined module interface cassette

Order No. 278255



### Spacer

(3 mm height, thickness = 2.5 mm, drill hole 1.9-2.0)

Order No. 439003



### High-current contact combined module interface cassette up to 50A

Order No. 670034



### MEWK-IF combined module interface Pneu-HF-HS cassette

Order No. 100838



### High-frequency contact combined module interface cassette 50 Ohm RG178 with cable (90 cm)

Order No. 300044



### Interface contact exchangeable cassette (SIP with inner cone)

Order No. 101410

Contact us



Would you like to find out more about us or get in touch with the appropriate contact person?  
You'll find the direct line on our website - together with your personal sales expert:

[www.atx-hardware.de](http://www.atx-hardware.de) ▶ Contact ▶ Contact partner

We are committed to finding the optimal technical solution for you. Why not put us to the test!



**ATX Hardware GmbH West**  
Subsidiary of ATX Hardware GmbH

**Pürgen branch**  
Am Kornfeld 8  
86932 Pürgen, Deutschland/Germany

Phone: +49 81 96 / 93 04 - 0  
Telefax: +49 81 96 / 93 04 - 19

Email: [projekte@atx-hardware.de](mailto:projekte@atx-hardware.de)  
Web: [www.atx-hardware.de](http://www.atx-hardware.de)

**Weil branch**  
Carl-Zeiss-Straße 5/1  
71093 Weil im Schönbuch, Deutschland/Germany

Phone: +49 81 96 / 93 04 - 345 or 349  
Telefax: +49 81 96 / 93 04 - 359

Email: [projekte@atx-hardware.de](mailto:projekte@atx-hardware.de)  
Web: [www.atx-hardware.de](http://www.atx-hardware.de)