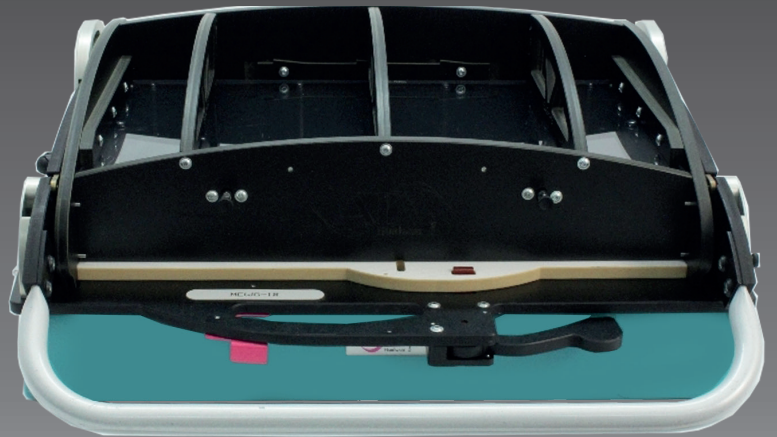


# MECHANICAL

# FIXTURES



**ME - Standalone**

**MEW - Exchangeable System**



SPECIALIST FIXTURE SOLUTIONS

# MECHANICAL FIXTURES

## ME - mechanical stand-alone fixture



### HIGHLIGHTS

- Mature technology
- High capacity
- Versatile application
- Precise, reliable
- Bi-Level capable

### Handles the toughest of test marathons with ease

The ME mechanical stand-alone fixture represents something special in our company's success story. A well-established classic, it is our best-seller and there are excellent reasons for this. The ME is not just universally applicable and provides high-precision output. It can also be operated manually without strain, is extremely reliable, can be supplied in many sizes and secures the value of your investment thanks to its long operating life.

With the ME by ATX you have the ideal fixture solution for functional testing, final testing and small-scale ICT applications of up to approx. 600N.

Because of its extreme resistance to wear and tear this device also makes light of the longest test marathon. This means it is perfect for the manufacture of large quantities and continuous testing. It has not just been tested to more than 1 million cycles but also has a unique feature which makes it especially flexible: Its bi-level capability enables you to simply switch off probes which interfere, thus enabling combined ICT testing and functional testing or functional testing and flash programming, as required.

You can order the ME range in any form you require - as a self-assembly kit, or alternatively only drilled, fitted or fully wired as a ready-to-use model.

#### Basic unit\*

Order No.	Designation	Moving plate	Standard housing
100762	ME1-A	275 x 230	E01-00001
100763	ME1-B	275 x 230	E01-00001
100764	ME1-C	445 x 310	E01-00002
100856	ME1-D	625 x 310	E01-00031
100779	ME1-F	505 x 370	E01-00027
100832	ME1-G	602 x 422	E01-00050

#### Tandem fixture with 2 mechanisms in one housing\*

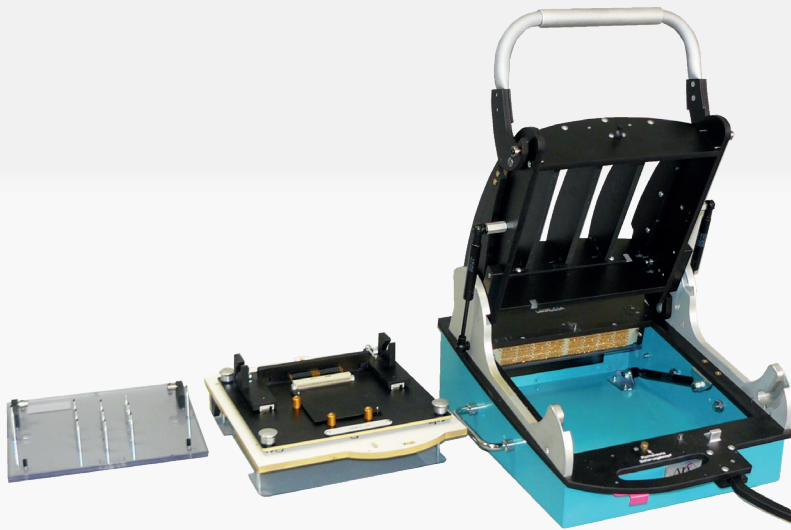
Order No.	Designation	Moving plate	Standard housing
100591	ME1-DO-KL	2 x 145 x 230	E01-00002
100590	ME1DO-GR	2 x 275 x 230	E01-00050

\*Each supplied with 20 holding-down devices and 20 UUT supports. The moving plate of the cassette contains a brass plate which short-circuits 3 probes (probes not fitted) - can be used as starting signal.

# MEW - mechanical exchangeable cassette system

## HIGHLIGHTS

- Low-cost & efficient
- Highly versatile
- Extremely time-saving
- Suitable for continuous operation
- Bi-level capable



## An innovative interface offering extra convenience

The MEW mechanical exchangeable cassette system consisting of the MEWG basic unit and the MEWK cassette provides you with even more convenience and efficiency. In your testing centre the low-cost cassette solution based on the ME mechanism is ideal for frequently changing products. In switching between products you save time because no tools are required, while also benefiting from minimal maintenance requirements and short retooling times thanks to the additional hard-wearing interface. As we design it with sip contacts it offers advantages that no plug-in connection has. The time-consuming search for defects caused by worn plug contacts is a thing of the past.

However, that's only one of the features with which our MEW will impress you. The system has individual interfaces for special pins such as HF, power or compressed air transfer, is suitable for continuous testing with wear resistance of up to 1 million cycles and features optional bi-level capability.

The transfer interface is designed for max. 480 pins and also enables the additional use of existing WKMLC cassettes (compatibility is ensured).

### Interface contact - basic unit

Probes with receptacles are required for fitting the interface to the basic unit:

Order No. 101418

### Interface contact - exchangeable cassette

Sip contacts are required for fitting the interface to the basic unit:

Order No. 101410

### Basic unit\*

Order No.	Designation	Moving plate	Standard housing
100765	MEWG-A	275 x 240	E01-00001
100766	MEWG-B	445 x 240	E01-00007
100453	MEWG-C	665 x 240	E01-00031
100806	MEWG-E	495 x 390	E01-00027

### Exchangeable cassette\*

Order No.	Designation	Moving plate
100767	MEWK-A	275 x 240
100768	MEWK-B	445 x 240
100454	MEWK-C	665 x 240
100807	MEWK-E	495 x 390

### Tandem fixture with 2 mechanisms in one housing\*

Order No.	Designation	Moving plate	Standard housing
100459	MEWG-A-DO	2 x 275 x 240	E01-00046
100234	MEWG-S-DO	2 x 205 x 290	E01-00125

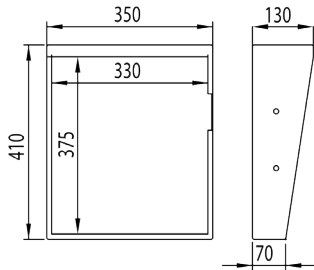
### Exchangeable cassette\*

Order No.	Designation	Moving plate
in 100459	MEWK-A-DO	2 x 275 x 240
100768	MEWK-S-DO	2 x 205 x 290

# AVAILABLE HOUSING TYPES

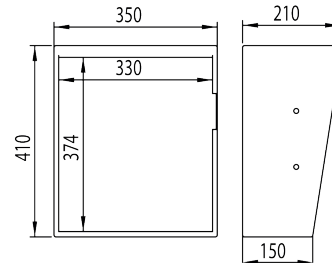
Ensuring that ME and MEW adapt flexibly to your test environment

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



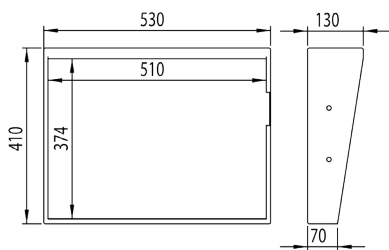
**E01-00001**

Standard housing for ME1-A, ME1-B, MEWG-A



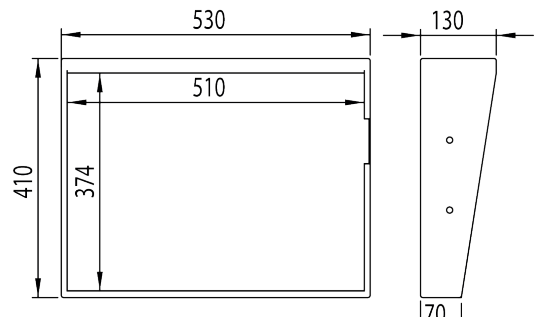
**E01-00012**

High housing for ME1-A, ME1-B, MEWG-A



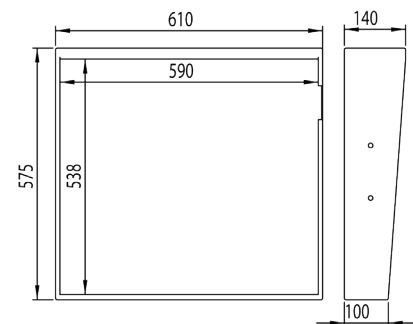
**E01-00002**

Standard housing for ME1-C, MEWG-B, ME1-DO-KL



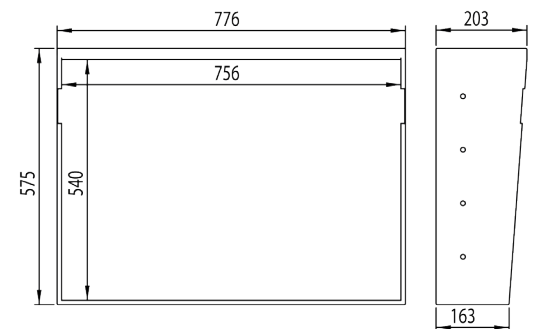
**E01-00025**

High housing for ME1-C, MEWG-B, ME1-DO-KL, VPC G12



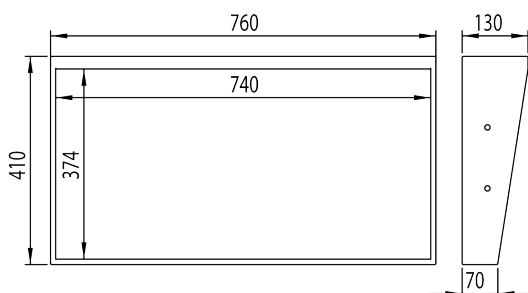
**E01-00027**

Standard housing for MEWG-A-DO, ME1-DO-KL



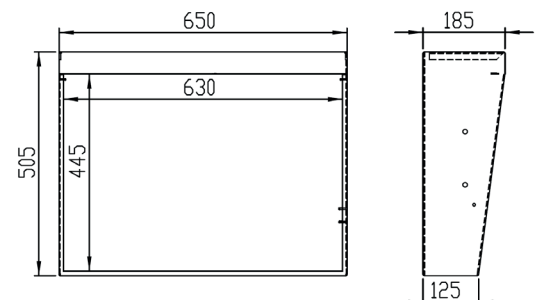
**E01-00050**

High housing for ME1-G



**E01-00046**

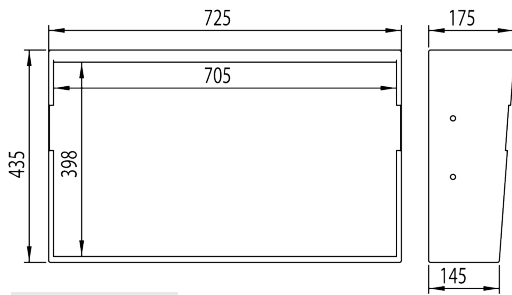
High housing for ME1-DO-GR



**E01-00125**

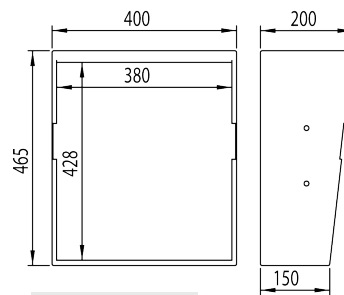
High housing for MEWG-S-DO

Housing with mounting option for Virginia Panel interface frame



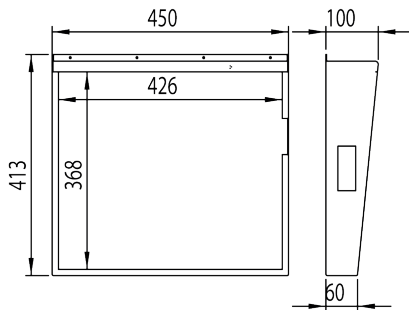
**E01-00031**

Standard housing for ME1-D, MEWG-C, Interface VPC G12



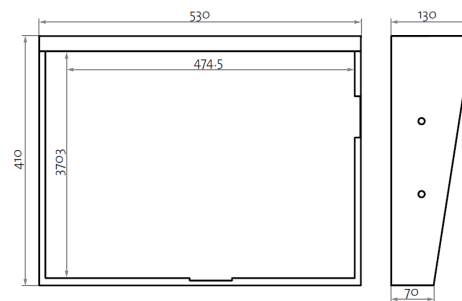
**E01-00026**

Housing for ME1-A, ME1-B, MEWG-A, Interface VPC G12



**E01-00030**

Housing for ME1-A, ME1-B, MEWG-A, Interface VPC S6



**E01-00028**

Housing for ME1-A, ME1-B, ME1-C, MEWG-A, MEWG-B, Interface VPC G12

**Additional forms of housing are available upon request.**

**Our housings are available in the following colors:**

Turquoise RAL5018  
Light gray RAL7035

**Additional colors upon request.**

# MEW INTERFACE

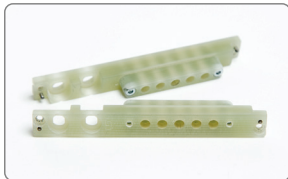
Perfect for saving time and trouble

## HIGHLIGHTS

In addition to the 480 standard pins the MEWG-IF combined module interface enables the use of 4 pneumatic transfers and 10 high-frequency or high-current pins.



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. 300049



**Interface contact basic unit  
(Receptacle and probe)**

Order No. 101418



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

Order No. 101410



**Pneumatic coupling  
combined module interface  
basic unit**

Order No. 278256

Cassette version



**Pushfinger length 45mm**  
Standard pushfinger ME series with UUT of 1.6 mm thickness and use of UUT supports 439001

Order No. 109220



**Pneumatic coupling combined module interface cassette**

Order No. 278255



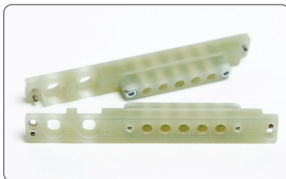
**Spacer**  
(3 mm height, thickness = 2.5 mm, drill hole 1.9-2.0)

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

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

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