

Compact design  
High measurement precision  
Easy integration with measuring devices and into a production line



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# Magnetoelectric Weighing Modules

PROFESSIONAL HIGH RESOLUTION MODULES

# MAGNETOELECTRIC WEIGHING MODULES

## Possibility of installation at any place Cooperation with peripheral devices



### High Resolution

High resolution is the characteristic feature of the advanced line of MAS, MPS and MUYA weighing modules. Their operation is based on an EMFC converter. The modules are intended to be a component of laboratory workstations and to be integrated into production lines.

### Ease of Integration

MAS and MPS's designs enable fast and easy installation at any surface. A weighing terminal is connected to the modules with up to 5-metre long cable facilitating ergonomics of use. Both modules offer option of under-pan weighing.

### Precise Measurement

Auto adjustment system ensures accuracy even under changing ambient conditions. The most precise measurement is guaranteed thanks to repeatability of  $sd \leq 1d^*$ .

### Customized Control Panels

Weighing modules are offered with R or Y control panels. The first one has been equipped with LCD and its functionality is equal to functionality of a standard laboratory balance. The second is a multifunctional weighing terminal providing you with applications such as formulations, checkweighing, SQC and differential weighing.

### Databases and Alibi Memory

Both panels, R and Y, feature internal databases of products and operators. The databases are secure thanks to implemented modules of ALIBI memory. The panels, being functional devices, provide you with option of easy data import and export.

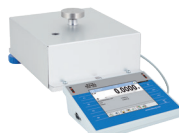
### Communication Interfaces

Offered range of available interfaces enables connecting the printer, fast transfer of data using USB flash drive and cooperation with PC software.

\* repeatability is expressed as standard deviation from 10 weighing cycles



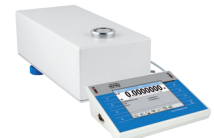
**MAS.1**  
**MAS.1.R**  
**MAS.1.Y**



**MAS**  
**MAS R**  
**MAS Y**



**MPS**  
**MPS R**  
**MPS Y**



**MUYA 4Y**

Maximum capacity [Max]	21 g - 220 g	220 g	6000 g	2.1 g – 5.1 g
Readability [d]	0.01 mg – 0.1 mg	0.1 mg	10 mg	0.1 µg – 1 µg
Display	<b>MAS.1</b> - none <b>MAS.1.R</b> - LCD backlit <b>MAS.1.Y</b> - 5,7" colour touch screen	<b>MAS</b> - none <b>MAS R</b> - LCD backlit <b>MAS Y</b> - 5,7" colour touch screen	<b>MPS</b> - none <b>MPS R</b> - LCD backlit <b>MPS Y</b> - 5,7" colour touch screen	<b>MUYA 4Y</b> - 5,7" colour touch screen
Adjustment	Internal (automatic)	Internal (automatic)	Internal (automatic)	Internal (automatic)
Weighing pan dimensions	ø 33 mm – ø 42 mm	ø 42 mm	ø 115 mm	ø 16 mm – ø 26 mm
Interfaces	<b>MAS.1</b> - RS 232 <b>MAS.1.R</b> - RS 232 <b>MAS.1.Y</b> - RS 232 (2x), USB-A (2x), Ethernet, 4xIN, 4xOUT, Wi-Fi®	<b>MAS</b> - SB-B, RS 232 <b>MAS R</b> - RS 232 <b>MAS Y</b> - RS 232 (2x), USB-A (2x), Ethernet, 4xIN, 4xOUT, Wi-Fi®	<b>MPS</b> - SB-B, RS 232 <b>MPS R</b> - RS 232 <b>MPS Y</b> - RS 232 (2x), USB-A (2x), Ethernet, 4xIN, 4xOUT, Wi-Fi®	<b>MUYA 4Y</b> - RS 232 (2x), USB-A (2x), Ethernet, 4xIN, 4xOUT, Wi-Fi®

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