

High-capacity weighing with fast results

M- and L-Platform



Robust and fast

Thanks to MonoBloc^{HighSpeed} weighing technology and its robust design, the XP guarantees fast results in harsh environments.



Easy to clean

Removable terminal, large and flat surfaces: cleaning the XP is easy and done very quickly.



Amazing solutions

Advanced interfacing options including Bluetooth and Ethernet, sophisticated software solutions and accessories as well as IP54 in use make the XP fit for every job.



Easy data transfer

Send data from the XP to a printer or directly into a database on your PC – for complete traceability of your results.



Excellence Plus XP

High-capacity precision balances

XP balances with M and L platforms are the first choice for high-capacity weighing jobs. Their robust design and leading-edge weighing technology guarantee fast results in all environments. The color touchscreen display and a set of clever accessories make operation amazingly easy – and enable dedicated weighing solutions.

Technical data

Excellence Plus XP (M- and L-Platform)

High-capacity precision balances



Balance model	XP6002MDR	XP12002MDR	XP8001M	XP8001MDR	XP12001M
Stand-alone weighing platform	–	X12002MDR	X8001M	–	X12001M
Maximum capacity	6.1 kg	12.1 kg	8.1 kg	8.1 kg	12.1 kg
Maximum capacity, fine range	1.2 kg	2.4 kg	–	1.6 kg	–
Readability	0.1 g	0.1 g	0.1 g	1 g	0.1 g
Readability, fine range	10 mg	10 mg	–	0.1 g	–
Repeatability (sd)	60 mg	60 mg	80 mg	600 mg	80 mg
Repeatability, fine range (sd)	10 mg	10 mg	–	80 mg	–
Linearity	60 mg	60 mg	100 mg	600 mg	100 mg
Eccentric load deviation (test load)	0.1 g (2 kg)	0.1 g (5 kg)	0.2 g (5 kg)	1 g (5 kg)	0.2 g (5 kg)
Settling time	1.5 s	1.8 s	1.2 s	1.2 s	1.2 s
Balance dimensions (WxD x H mm)	240x419x110				
Weighing pan dimensions (WxD mm)	237x237				



Balance model	XP16001M	XP16001MDR	XP20001M	XP12000M	XP20000M
Stand-alone weighing platform	–	–	X20001M	X12000M	X20000M
Maximum capacity	16.1 kg	16.1 kg	20.1 kg	12.1 kg	20.1 kg
Maximum capacity, fine range	–	3.2 kg	–	–	–
Readability	0.1 g	1 g	0.1 g	1 g	1 g
Readability, fine range	–	0.1 g	–	–	–
Repeatability (sd)	0.08 g	0.6 g	0.08 g	0.6 g	0.6 g
Repeatability, fine range (sd)	–	0.08 g	–	–	–
Linearity	0.2 g	0.6 g	0.2 g	0.6 g	0.6 g
Eccentric load deviation (test load)	0.2 g (5 kg)	1 g (5 kg)	0.2 g (10 kg)	1 g (5 kg)	1 g (10 kg)
Settling time	1.2 s	1.2 s	1.2 s	1 s	1 s
Balance dimensions (WxD x H mm)	240x419x110				
Weighing pan dimensions (WxD mm)	237x237				



Balance model	XP8001L	XP16001L	XP32001L	XP32001LDR	XP64001L
Stand-alone weighing platform	–	X16001L	X32001L	–	X64001L
Maximum capacity	8.1 kg	16.1 kg	32.1 kg	32.1 kg	64.1 kg
Maximum capacity, fine range	–	–	–	6.4 kg	–
Readability	0.1 g	0.1 g	0.1 g	1 g	0.1 g
Readability, fine range	–	–	–	0.1 g	–
Repeatability (sd)	0.08 g	0.08 g	0.08 g	0.6 g	0.1 g
Repeatability, fine range (sd)	–	–	–	0.1 g	–
Linearity	0.2 g	0.2 g	0.3 g	0.3 g	0.5 g
Eccentric load deviation (test load)	0.3 g (5 kg)	0.3 g (5 kg)	0.3 g (10 kg)	1 g (10 kg)	0.5 g (20 kg)
Settling time	1.5 s	1.5 s	1.5 s	1.5 s	1.8 s
Platform dimensions (WxD x H mm)	360x280x130				
Terminal dimensions (WxD mm)	194x145				
Weighing pan dimensions (WxD mm)	280x360				



Balance model	XP16000L	XP32000L	XP64000L
Stand-alone weighing platform	–	X32000L	–
Maximum capacity	16.1 kg	32.1 kg	64.1 kg
Readability	1 g	1 g	1 g
Repeatability (sd)	0.6 g	0.6 g	0.6 g
Linearity	0.6 g	0.6 g	0.6 g
Eccentric load deviation (test load)	1 g (5 kg)	1 g (10 kg)	1 g (20 kg)
Settling time	1.2 s	1.2 s	1.5 s
Platform dimensions (WxD x H mm)	360x280x130		
Terminal dimensions (WxD mm)	194x145		
Weighing pan dimensions (WxD mm)	280x360		

sd: standard deviation

Standard equipment

- SmartScreen, graphical color display with touchscreen-operation
- SmartSens, for hands-free operation
- StatusBar
- proFACT, fully automatic temperature and/or time-controlled internal adjustment
- Weighing pan made of stainless steel
- Built-in RS232 interface, slot for second interface (7 options)
- Weighing adapter for optimal adaptation to the environment
- Production certificate for equipment qualification

All models can/offer

- Download software via the Internet
- Display different weighing units
- Tare over the entire weighing range
- Be adapted to the environment
- Be adapted to the weighing type
- Display statistics with \pm , % display
- Count with reference optimization
- Formula weighing, including security protection
- Factor calculation
- User management with password protection
- Change History/Adjustment History
- Schedule balance checks
- MinWeigh warns when minimum weight is not reached (determined on-site by service technician)
- Hands-free operation, including visual and acoustic feedback
- Alphanumeric identification
- 4 IDs per sample
- Communicate in 7 languages: e, d, f, i, sp, russ, jap



Quality certificate ISO 9001
 Environment certificate ISO 14001
 Internet: <http://www.mt.com>
 Worldwide service network

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