



Meteor
Product Catalogue

Perfect results every time

Sartorius is one of the leading suppliers of industrial weighing components worldwide. With more than 50 years experience in industrial in-process weighing we have built a reputation for exceptional quality and unrivalled know-how. Our products and services have always been regarded as the best in the industry and are well known for their reliability, accuracy, and durability.

We at Sartorius have only one thing in mind: to provide you with the best possible solution in your specific circumstances. We give consultancy during specification and planning. We are there to help during start-up and commissioning. In fact we are never more than a phone call away during the entire life of the product.

Your process reliability and maximum performance is at the heart of every specialist of Sartorius. In our products a perfect harmony of sophisticated mechanics and state of the art electronics guarantee perfect results every time: day by day – for many years of smooth and economic operation even under harsh industrial conditions.

Meteor products are a high class range of industrial weighing components for standard applications and provide an excellent price performance ratio.

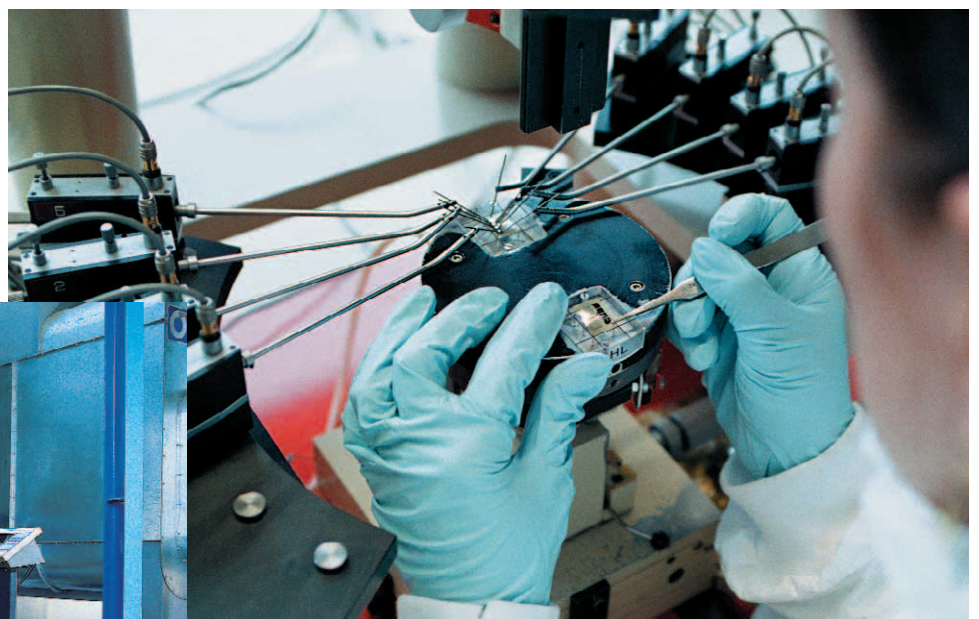


For every application the perfect solution

Virtually all industrial products from Sartorius show outstanding performance every day as an integral part of process automation, weighing machines or customised equipment. Already for decades. Wherever reliability is key, Sartorius and its partners in the Sartorius Group form a strong alliance for your success.

We at Sartorius provide more than just products – we provide solutions. We provide consultancy and guidance during specification and planning. We provide complete service packages during start-up and commissioning and we are never more than a phone call away during the entire life of your product.

We help and assist you in any way possible even a long time after your initial purchase with a wide range of spare parts, repair and quick exchange services accompanied by extensive offerings in calibration and preventative maintenance. Regular inspection of your installation does not only guarantee optimum accuracy and performance but also helps to ensure the maximum lifetime of your investment and a maintenance contract from Sartorius gives you the peace of mind – to have assistance and availability exactly when you need it. Guaranteed.

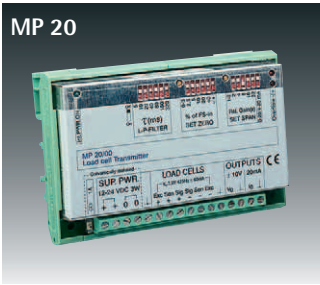


Load Cells

MP 40 / MP 50	Type	Application	Accuracy	Capacity Range	Ingress Protection	Remarks
	Very low profile Single point load cell	Platform scales (max. 350 x 350 mm) Specialised machinery	N, C3, C3 MR	1 kg...35 kg	IP 65 IP 66	Aluminium
MP 41 / MP 51	Low profile Single point load cell	Platform scales (max. 400 x 400 mm) Specialised machinery	N, C3, C3 MR	3 kg...100 kg	IP 65 IP 66	Aluminium
MP 42 / MP 52 / MP 55	High capacity Single point load cell	Platform scales (max. 600 x 600 mm) Specialised machinery	N, C3, C3 MR, C3 MR+	10 kg...500 kg	IP 65 IP 68 IP 69 k	MP 42/MP 52: Aluminium MP 55: Stainless steel
MP 46	Tension load cell	suspended vessels, hybrid scales	N, C3	500 kg...5 t	IP 67	Alloy steel, aluminised
MP 56	Tension load cell	suspended vessels, hybrid scales	N, C3	60 kg...5 t	IP 67	Stainless steel
MP 47 / MP 57	Bending beam load cell	Platform scales, belt weigher hybrid scales	N, C3, C3 MR C3 MR+	5 kg...500 kg	IP 67 IP 68	Stainless steel
MP 48 / MP 49 MP 58 / MP 59	Shear beam load cell	Platform scales, belt weigher tank/hopper scales	N, C3, C3 MR	91 kg...5 t	IP 67 IP 68	MP 48: Alloy steel, aluminised MP 49/MP 58/ MP 59 Stainless steel
						Option: Ex-Version

Electronics

MP 20



Analogue Weight Transmitter MP 20

- Linearity better than 0,01 %
- Up to 4 load cells, 350 Ohm
- Input signal up to 3,3 mV/V
- Analogue outputs 4...20 mA, 0...10 V
- Power supply 12...24 V, 110/230 V (option)
- Protection class IP40
- Up to 8 limit relays (option)
- Easy mounting Phoenix / DIN rail

MP 25



Digital Process Transmitter MP 25

- Full Digital Signal Processing with up to 20,000 divisions internal Resolution
- Supplies up to 4 Load Cells of 350 Ω
- Analogue output 0/4...20 mA, 0/2...10 V, fully galvanically isolated from supply
- Direct calibration and configuration via front keys without weights
- Configuration also via PC- Engineering Tool MP 25/10
- Supply voltage 230 V (24 V Option)
- Protection class IP 30, DIN-Rail or wall mounting

MP 30



Digital Weight Indicator MP 30

- 16 bit resolution and up to 20 readings/sec
- Supply voltage: 85-250 V_{AC} 50/60 Hz or 11-36 V_{DC} / 24 V_{AC} (option)
- 3 digital control inputs
- IP 65 sealed front panel
- Manual tare

Options

- Analog output: 0/4-20 mA or 0-10 V_{DC}
- Serial interfaces: RS 232 or RS 485
- 2 setpoint outputs

Accessories



MP 90/04, MP 90/06

Cable junction box for 4 load cells

MP 80/...

Extension cable, lengths: 30 m, 50 m, 100 m, 300 m

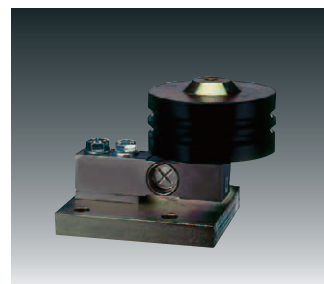


Swivel eye for Tension Load Cell

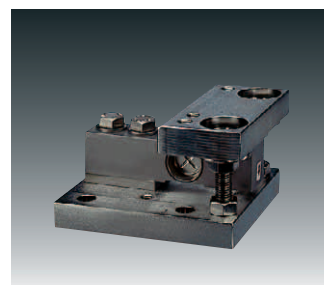
MP 46/MP 56



Platform feet for MP 48/MP 49 and MP 58/MP 59



Mounting kits for MP 48/MP 49 and MP 58/MP 59



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