

WEIGHING MODULES

SERIES 420 IM

High precision weigh modules, tailored for integrated weighing solutions for industrial applications. Easy to interface and to service. The weighing module is based on the appreciated technology of the Precisa series 360. With the stainless steel housing and the IP65 protection, the series 420 IM is the ideal solution for automated weighing processes.



Model	Capacity	Readability	Repeatability	Linearity	Pan Size (mm)	Response Time	Item No.
IM 220A	220 g	0.1 mg	0.1 mg	0.2 mg	Ø 52	1.6 s	420-9255-001
IM 420A	420 g	0.1 mg	0.15 g	0.4 mg	Ø 52	1.8 s	420-9256-001
IM 1220M	1 220 g	1 mg	1 mg	2 mg	Ø 80	1.6 s	420-9378-001
IM 6200C	6 200 g	0.01 g	0.01 g	15 mg	Ø 80	1.6 s	420-9477-001

Specifications

Power supply	10 - 26 V
Power consumption	6 W
Electrical connection	RS232: 12-pin Service terminal: 8-pin
Interface	RS232: bidirectional RS422: bidirectional
Data rate	25 values/s
Protection type	IP42: 1 mg and 0.1 mg models IP65: 0.01 g models
Material housing	Stainless steel
Protocols	Precisa command set (further types on request)
Connection cable	Binder Series 423, 12-pin, open leads, 2 m

Features

- Very short response times
- Various filter profiles for individual customizing to particular ambient conditions and applications
- Integrated torsion protection (not for SM/A models)
- High quality and robust stainless steel housing
- Weighing pan with prepared tapped holes for an easy fitting of individual weighing pans
- Integrated overload protection

Typical Applications

- Automated weighing processes
- Weighing in heavily contaminated environment