

Minebea Intec Flexus datasheet

Checkweigher

AT A GLANCE Speed 600 packs/min · Precision (standard deviation) 0.017 g · Scale division 0.1 g

Maker: Minebea Intec · Verified: 2026-10-01

Dynamic checkweigher in hygienic design with an EMFC load cell, offered with 1, 2, 5 and 7 kg weighing systems. Minebea Intec rates it at up to 600 pieces per minute (WS 1 kg).

Specifications

SPEC	VALUE
PERFORMANCE	
Speed	600 packs/min
Precision (standard deviation)	0.017 g
Scale division	0.1 g
Belt speed	12–156 m/min
FORMAT	
Belt width	50–300 mm
CONFIGURATION	
Reject systems	pusher, blower; optional rocker, swivel arm, multi-segment separator
INSTALLATION	
Protection rating	IP54
Machine weight	250–400 kg
UTILITIES	
Power supply	115/230 VAC; 50/60 Hz

All figures: Minebea Intec, Checkweigher Flexus datasheet (Rev. 07/2023)¹

Small numbers point to the sources listed below. Values are copied as printed, then converted to the unit shown.

Key features

- EMFC (electro-magnetic force compensation) load cell
- Hygienic design developed to IFS and BRC guidelines
- Weighing systems WS 1, 2, 5 and 7 kg
- Up to 600 pieces per minute (WS 1 kg)
- MID-compliant per OIML R51; MID verifiable systems up to 3 m/s
- Tool-free removal and fitting of conveyor belts

Compiled by The World of Food Processing from the maker's published information. Check details with the maker before buying.

Online version: foodprocessingworld.com/makers/minebea-intec/minebea-intec-flexus

Request a quote: foodprocessingworld.com/quote

Questions or quotes: hi@foodprocessingworld.com

Formats and options

Typical products	packaged foods
Options	Flexus 15 touchscreen, rocker, swivel arm and multi-segment separators, stainless steel conveyor (SSC), hygienic adjustable feet, multiline systems, trend controller, FDA 21 CFR Part 11 audit trail, Vistus metal detection
Pairs with	Vistus metal detector (Flexus Combi)

Details from sources^{1,2}

Sources

¹ Minebea Intec, Checkweigher Flexus datasheet (Rev. 07/2023), retrieved 2026-10-01

² Minebea Intec, Checkweigher Flexus product page, retrieved 2026-10-01