

Minebea Intec Synus datasheet

Checkweigher

AT A GLANCE Speed **250 packs/min** · Precision (standard deviation) **0.017 g** · Scale division **0.1 g**

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

Modular dynamic checkweigher series for weight or integrity checking and regulation of upstream fillers, offered with 1, 2, 5 and 7 kg weighing systems. Minebea Intec rates it at up to 250 items per minute (WS 1 kg).

Specifications

SPEC	VALUE
PERFORMANCE	
Speed	250 packs/min
Precision (standard deviation)	0.017 g
Scale division	0.1 g
Belt speed	12–90 m/min
CONFIGURATION	
Reject systems	blower, pusher
INSTALLATION	
Protection rating	IP54
Machine weight	250 kg
UTILITIES	
Power supply	115/230 VAC; 50/60 Hz

All figures: Minebea Intec, Checkweigher Synus datasheet¹

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

Key features

- Modular design with weighing systems WS 1, 2, 5 and 7 kg
- Type approval for legal metrology inspection under packaged goods regulations in European countries
- Up to 250 items per minute (WS 1 kg)
- Synus 10 (10.4-inch key operation) or Synus 15 (15-inch touchscreen) dialogue PC
- Control of upstream filling systems

Formats and options

Options

Synus 15 touchscreen, signal lights x3/x5, Ethernet, Ethernet/IP, Profibus, DeviceNET, Profinet, RS422, RS232 interfaces, SPC@Enterprise connection, 21 CFR Part 11 specification

Details from sources^{1,2}

Sources

¹ Minebea Intec, Checkweigher Synus datasheet, retrieved 2026-10-01

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