

SAUTER HM1

WEIGHING INDICATOR
Industrial weighing & measurement solution



PRODUCT HIGHLIGHTS

- Large, bright backlit LCD display
- Up to 70 hours rechargeable-battery operation
- Tare and zero-tracking functions
- HI-OK-LO check-weighing indication
- Animal weighing / hold function
- Parts counting
- Electromagnetic interference protection
- Low-battery and overload protection
- RS-232 interface for PC, printer or remote display

KEY FEATURES

High-Visibility Display	Large, bright backlit LCD screen for clear readability in low-light industrial and warehouse environments.	Robust Hardware Protection	High anti-interference capability against electromagnetic noise, with low-battery alerts and overload protection.
Dual Power Modes	Internal rechargeable battery for mobile wireless operation, lasting up to 70 hours, or AC power for stationary use.	Flexible Communication	RS-232 serial interface for direct connection to PCs, external printers, or remote scoreboard displays.
Smart Weighing Functions	Tare & zero-tracking, HI-OK-LO check weighing, animal weighing/hold, and parts counting.	Calibration & Linearity	External manual calibration with six sections of non-linear correction for enhanced precision.

TECHNICAL SPECIFICATIONS

Resolution & Readability	External readability	1/30,000 to 1/60,000
Resolution & Readability	Maximum division	Up to 1/15,000 standard resolution
Signal Processing	A/D conversion rate	30 times/second (selectable)
Physical Parameters	Indicator dimensions	225 × 180 × 85 mm
Physical Parameters	Gross weight	1.6 kg
Physical Parameters	Operating temperature	0°C to 40°C (32°F to 104°F)
Power & Battery	Power input	Dual AC/DC power supply
Power & Battery	Battery life	Up to 70 hours continuous wireless operation
Power & Battery	Protection	Low-voltage directive, undervoltage protection & power-off data protection
Measurement Units	Supported units	kg, T, G, lb, oz, viss, gangjin, taijin
Calibration & Linearity	Calibration	External manual calibration
Calibration & Linearity	Non-linear correction	Six sections

Note: Specifications are presented from the supplied product information and may vary by configuration or production version.