SENCON
SENSING • TESTING • GAUGING

PG5600™

Simple, Fast, Low Cost Auto Enamel Rater

Compact automatic enamel rater with a groundbreaking price point

Test results are needed quickly on modern, high speed lines to allow rapid adjustment or immediate intervention. This gauge is the fastest single-head auto enamel rater on the market, processing a 24 can batch in only 6 minutes.

- **24 can batch processed in 6 minutes (330ml, 211 cans)**
- **Capable of 5 cans per minute**
- **Multi-size auto adjustment - 52mm (202) to 73mm (214/300)**
- **Small footprint - allows flexible installation in limited space**
- **Reduced maintenance costs - no Windows™ PC or fill/empty pumps**
- **Serial data reporting via RS485**
- **10 user configured preset tests**



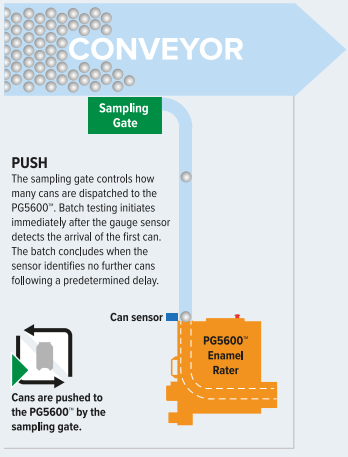
Ordering Information

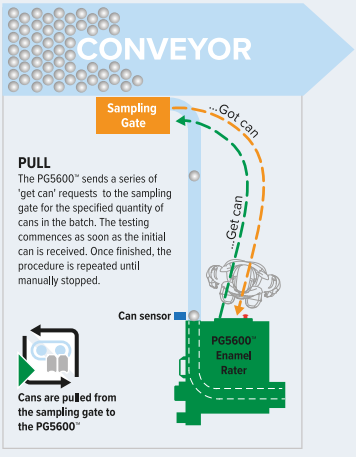
CODE	DESCRIPTION	CAN SIZE
PG5600-00111	Auto Enamel Rater with standard 24 can conveyor	202 (53mm) to 214/300 (73mm) automatic adjustment
PG5600-00211	Auto Enamel Rater with short infeed conveyor	202 (53mm) to 214/300 (73mm) automatic adjustment
PG5600-00311	Auto Enamel Rater with 200 can mass conveyor	202 (53mm) to 214/300 (73mm) automatic adjustment

Optional Extras

CODE	DESCRIPTION	
SX1000	Data-Bridge Software	Adds data logging functionality to gauges with only a serial interface.

BACK-TO-BACK AUTO SAMPLING





The PG5600™ interfaces with a production line's PLC, facilitating the sending and receiving of 'Get Can' and 'Got Can' commands. These commands instruct the PG5600 to deliver a single can or multiple cans for testing, allowing the PG5600 to directly request cans from the conveyor, enhancing operational efficiency and simplifying the quality control process.

SOFTWARE UPGRADE: Exisiting PG5600 HMI's can be upgraded with the latest gauge control software to enable this new functionality. Contact your regional Sencon office or agent for more information.

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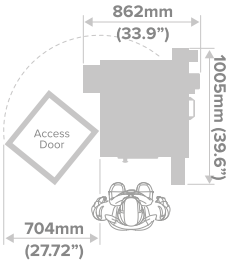
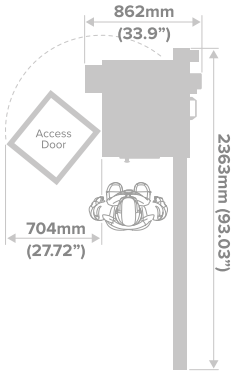
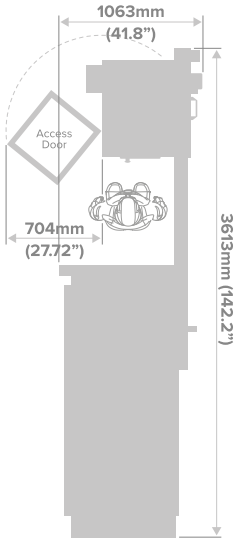
TECHNICAL SPECIFICATIONS

Can Material:	Aluminium and Steel
Cans Accepted:	Necked and Un-necked
Maximum Batch Size:	200 cans
Machine Throughput:	Typically 5 cans per minute (211, 330ml cans) 24 can batch processed in 6 minutes (330ml, 211 cans)
Air Supply:	6 bar (87 PSI) at 150 l/min
Dimensions:	**Short Conveyor:** For connecting directly to the line for auto-fed batch sampling.  **Standard Conveyor:** For manually loaded batches of up to 24 cans or connecting directly to the line for auto-fed batch sampling.  **Mass Conveyor:** For manually loaded batches of up to 200 cans.  The gauge's small footprint make it suitable for restricted spaces such as locating next to a palletizer or in the spray area. The cabinet can even be split into two parts for installation on mezzanines or other tight spots, then reassembled once in place.
Controller:	Integrated colour touch-screen HMI
Loading:	Back-to-back auto-sampling functionality allows cans to be requested directly from the conveyor.
Compliance:	CE marked, complies with relevant EU product directives
Calibration:	Electronics module is calibrated to traceable standards Annual recalibration / re-validation of gauge accuracy is strongly recommended

SI9200

A compact enamel rater used in combination with a can stand for a cost effective, flexible, semi-automatic enamel rating solution



MASTER SERIES™

A highly flexible modular gauging system.



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PG5600™ ENAMEL RATER

IMPROVED PRODUCT QUALITY: Ideally designed for locating next to a palletizer, on mezzanines, or in the spray area

COMPREHENSIVE AUTOMATIC SELF MONITORING:

- Electrolyte condition check
- Test head confirmation check with built-in test resistors
- Can contact and electrolyte level check
- Test voltage monitoring and compensation

NEW, EFFICIENT CAN HANDLING SYSTEM: Simultaneous, multi-station fill, test, and empty operations allow for fast and efficient throughput.

SIMPLE TO USE: Integrated touch screen HMI with easy-to-follow user interface. Test data is sent via a serial cable (similar to Sencon's SI9100 manual gauge).

MULTI-SIZE: The PG5600 automatically processes cans of differing heights and diameters without any changes.

REPORTING DATA: Test data is output via RS485 serial data cable. This data format can be handled by most plant SPC systems.

HIGH SPEED: Test results are needed quickly on modern, high speed lines to allow rapid adjustment or immediate intervention. This gauge can process a 24 can batch in only 6 minutes.

SX1000™ DATA BRIDGE

The SX1000 Data Bridge software allows data from the PG5600™ Enamel Rater to be saved to a connected PC either as a single, continuously appended log file, as a daily log file created at the start of each day, or as a batch where a new log file is created for each new batch report.



THE BRIDGE BETWEEN DATA AND YOU

WORLDWIDE SUPPORT YOU CAN TRUST

We are committed to providing the best customer support worldwide with service engineers based in North and South America, Europe and Asia backed up with technical support from experienced industry specialists based at three technical support centers – you can trust Sencon.

Technical support is easily accessible through our 'Quick Assist' QR codes which offer support via WhatsApp*, email, web chat and telephone. Additionally, our online knowledge base provides support resources for all Sencon products.

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