



PRODUCT INFORMATION SHEET

Z313 Series – Enamel Rating (Metal Exposure) System

email: tms.sales@trac-group.com
www.trac-group.com



The New TRAC Z313 Series Automatic Enamel Rating System is here...

By listening to our customer needs, this eagerly anticipated addition to TRAC's gauging portfolio, offers unprecedented functionality and capability for today's global can making industry.

Designed by TRAC Measurement Systems highly skilled engineering team and powered by our proven GaugeXplorer software, call us now to discuss your requirements in detail or arrange a demonstration.

The Z313 Series is available as a conveyor loaded (Automatic) version or fully Line Fed (In-line) version. Both systems can be specified with TRAC's optional LSM / ISG recognition camera module for "colour spray dot" identification, ensuring SPC data output is "tagged" with the relevant traceability for effective remedial actions.

Throughput speed is typically 3 cans per minute, using our unique "static fill, rate and extract" philosophy.

In turn, the ability to inspect Can body diameters from 202 – 211 and 15cl to 56.8cl sizes without Change Parts is a standard feature. Ideal for Swing lines and plants producing two or body diameters on multiple lines.

Filling the can accurately, and without agitation has traditionally been a key problem for Can-makers. Using our "Posi-fill" metered filling system, with CNC flow control... each can size is configured with an appropriate fill speed and fill quantity to ensure "No" short fills or false "mA" readings near the brim of the can.

In-cycle "conductivity" monitoring ensures the electrolyte solution is fit for purpose, and prompts the operator when a change is required. Software "Indicators" also warn of low solution level and prompt the operator to refill before the critical level is reached.

- '202'- '211' Body Size Capability with NO Change Parts
- Conveyor Loaded or In-line Operation
- Optional 'Internal Spray Gun' Recognition Camera Module
- 'Posi-fill' System for Complete Fill Speed and Level Control
- 3 Cans Per Minute Throughput
- High Accuracy 'Rating' System
- TRAC GaugeXplorer™ Software



Above: Optional - LSM / ISG recognition camera module



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Period	Spray Machines							
	LSM11	LSM12	LSM13	LSM14	LSM15	LSM16	LSM17	LSM18
Line 1								
Last	20.940	16.960	14.300	17.540	23.600	23.900	19.220	
Last 12	21.830	19.038	15.640	18.500	18.467	20.900	18.587	
Last 100	21.830	19.038	15.640	18.500	18.467	20.900	18.587	
Last 24 hours	21.830	19.038	15.640	18.660	17.183	21.565	18.587	
Line 2	LSM21	LSM22	LSM23	LSM24	LSM25	LSM26	LSM27	LSM28
Last	22.430	21.740			22.780	15.290	14.750	
Last 12	22.430	21.740			22.780	15.290	18.600	
Last 100	22.430	21.740			22.780	15.290	18.600	
Last 24 hours	22.430	21.740			22.780	15.290	18.600	
Line 3A	LSM31	LSM32	LSM33	LSM34	LSM35	LSM36	LSM37	LSM38
Last			22.730	23.690	18.580			
Last 12			19.573	20.985	18.580			
Last 100			19.573	20.985	18.580			
Last 24 hours			19.573	20.985	18.580			
Line 3B	LSM41	LSM42	LSM43	LSM44	LSM45	LSM46	LSM47	LSM48
Last	16.010	15.660				22.070	20.580	
Last 12	16.010	17.410				18.090	20.580	
Last 100	16.010	17.410				18.090	20.580	
Last 24 hours	16.010	17.410				18.090	20.580	

TRAC's powerful Windows Software ensures the operator is presented with critical Metal Exposure information, in a clear and effective manner. User selectable screens allow easy "toggling" between the screen views.

All measuring systems are supplied with a Windows 7 Professional Operating System, ensuring a secure operator environment and powerful networking capability to your existing quality systems. Multi Language Capability is also a standard feature of TRAC's GaugeXplorer software.

For Further Information, or to arrange a demonstration, Please contact the TRAC Sales team for further information on +44 (0)1952 210020 or by email at tms.sales@trac-group.com

TECHNICAL SPECIFICATION

Component Range

Body Diameter (202) – (211)
 Neck Size (200) – (206)
 Can Capacity 15cl – 56.8cl

Features Measured

Metal Exposure (mA):
 Metal Exposure (mA):

Accuracy

+/-0.1mA (@ 0 -100 mA range)
 +/-0.5mA (@ 100-250 mA range)



Trac Measurement Systems Limited

Nedge Hill Science Park, Telford
 Shropshire, TF3 3AJ United Kingdom
 Tel: 44 (0) 1952 210020
 Fax: 44 (0) 1952 299804
 email: tms.sales@trac-group.com
www.trac-group.com