



# Certificate of Compliance

**Certificate:** 2194377 **Master Contract:** 226885  
**Project:** 80214944 **Date Issued:** 2024-10-03  
**Issued to:** **Rosemount Inc.**  
**10241 W. Little York**  
**Houston, Texas 77040**  
**United States**  
**Attention:** Vicente Ramirez

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



**Issued by:**  
*Andrea Ongaro*  
 Andrea Ongaro, Product Safety  
 Engineer

## PRODUCTS

Class 2252 05 PROCESS CONTROL EQUIPMENT - Process Control Equipment  
 Class 2252 85 PROCESS CONTROL EQUIPMENT - Certified to US Standards  
 Class 2258 02 PROCESS CONTROL EQUIPMENT - For Hazardous Locations  
 Class 2258 82 PROCESS CONTROL EQUIPMENT - For Hazardous Locations - Certified to US Standards

Class I, Division 1, Groups B, C, and D, IP66:  
 Ex db IIC Gb T6/T4/T3  
 Class I, Zone 1, AEx db IIC Gb T6/T4/T3

### **Gas Chromatograph**

Model(s)	Voltage (VAC)	Frequency (Hz)	Power (W)	Voltage (VDC)	Power (W max)	Ambient Temp. Range (°C)	Temperature Code



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700XA	100-120/240	50/60	150	21-30	150	-20 to 60	T6 (standard unit) and T4 or T3 (option dependent).
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**Conditions of Acceptability:**

1. The unit is intended to be connected to supply mains by a qualified personal in accordance with national (e.g. CEC, NEC, etc) and local codes.
2. Suitable APPROVED switch and fuse or a circuit breaker shall be provided to facilitate the disconnection of mains power.
3. All accessible conductive parts shall be reliably bonded to protective earth/ground.
4. All safety related precautions and warnings must be followed before dispensing and disposing gas.
5. The unit is intended be used in a well ventilated area.
6. Inlet pressure system was not part of the investigation.

**APPLICABLE REQUIREMENTS**

ANSI/UL 1203-2013 - ANSI/UL 1203-2013 - Standard for Safety for Explosion-Proof and Dust Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations

UL 61010-1 - Second Edition - UL Standard for Safety Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements

ANSI/UL 60079-0 (Seventh Edition) - UL Standard for Explosive Atmospheres - Part 0: Equipment - General Requirements

UL 60079-1:2015 - Seventh Edition - UL Standard for Safety Explosive Atmospheres – Part 1: Equipment Protection by Flameproof Enclosures “d”

CSA C22.2 No. 60079-0:19 (Fourth Edition) - Explosive atmospheres — Part 0: Equipment — General requirements

CAN/CSA C22.2 No. 60079-1:16 - Explosive atmospheres - Part 1: Equipment protection by flameproof enclosure “d”

CSA C22.2 No. 61010-1-04 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements

CSA C22.2 No. 30-M1986 - Explosion-Proof Enclosures for Use in Class I Hazardous Locations - General Instruction No 1-2



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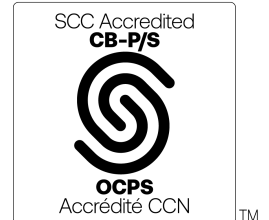
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Notes:

Products certified under Class(es) C225205, C225285, C225802, C225882 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). [www.scc.ca](http://www.scc.ca)





## Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.*

### Product Certification History

Project	Date	Description
80214944	2024-10-03	Update of cCSAus report # 2194377 for 700XA Gas Chromatograph for the following changes:  <ol style="list-style-type: none"><li>1. Replacement of LOI electronic display component.</li><li>2. Change in Assembly Harness Length</li><li>3. Update of blind ground lug hole to tapped.</li><li>4. Associated drawing updates.</li></ol>
80168950	2023-08-03	Evaluation to update CSA Report 2194377 for the following changes: 1. Update of microFPD Component. The replacement component has been evaluated for ordinary locations through attestation letter 80168951. 2. Minor updates to non-critical features 3. Addition of P4023-DIR Powder Coating 4. Associated drawing updates
80094411	2022-05-12	Update to report 2194377 to upgrade to standards CAN/CSA No.60079- 0:2019 and ANSI/UL 60079-0:2020 7th Ed. and introduce two alternate power supplies(Meanwell RSP-320-24 and CUI Inc VGS-350C-24). Drawings were also updated for editorial changes and removal of the heated tube option.
80029327	2020-01-24	Update CSA report 2194377 to include the assessment of the containment system per Annex G in CSA/UL 60079-1 standard, revised construction and update the documentation
70171311	2019-02-27	Update CSA certificate 2194377
70040923	2016-07-06	Update to existing Report 2194377 to include optional FID hose heater assembly
2692951	2014-05-20	Update of the CSA Report 2194377 to include revised descriptive documents and add optional non-conductive clear coat on outer surfaces of product.
2565372	2012-10-03	Update to include new power supply model LCC250.
2533453	2012-06-08	Update to add power supply model TDK/Lambda GWS250-24.



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2464209	2011-12-09	Update of Report 2194377 to include an external sampling system with heat tracing as an option for the 700XA.
2434437	2011-07-27	Update of report 2194377 to include revised drawing and correct minor typos
2413781	2011-04-27	Update of report 2194377 to include new legal name on product nameplate
2194377	2009-09-30	Original Certification of High Speed Gas Chromatograph System, model 700XA for Hazardous Locations.