

# Electromagnetic Compatibility

This equipment conforms to the following directives / regulations and standards as to the electromagnetic compatibility.



| Directive                    | Standards                                                      |
|------------------------------|----------------------------------------------------------------|
| The EMC Directive 2014/30/EU | EN IEC 61326-1 Class A, Industrial electromagnetic environment |

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.



| Regulations              | Standards                                                     |
|--------------------------|---------------------------------------------------------------|
| The EMC Regulations 2016 | BS EN 61326-1 Class A, Industrial electromagnetic environment |

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.



| 법률   | 표준                                 |
|------|------------------------------------|
| 전자파법 | KS C 9610-6-2<br>KS C 9811 Class A |

이 기기는 업무용(A 급) 전자파적합기기로서 판매자 또는 사용자는 이 점을 의하시기 바라며, 가정외의 지역에서 사용하는 것을 목적으로 합니다.

## Criteria

|                                                        | CE and UKCA                                                                                   | KC |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------|----|
| IEC61000-4-2<br>ESD                                    | 1.25%F.S.                                                                                     |    |
| IEC61000-4-3<br>RF radiated                            | 0.25%F.S.                                                                                     |    |
| IEC61000-4-4<br>Burst                                  | 1.25%F.S.                                                                                     |    |
| IEC61000-4-5<br>Surge                                  | Refer to *1                                                                                   |    |
| IEC61000-4-6<br>RF Conducted(10V)                      | 0.25%F.S.                                                                                     |    |
| IEC61000-4-11<br>Voltage dips and Voltage interruption | 0% 1cycle : refer to *1<br>40% 10cycle,70% 25cycle : refer to *2<br>0% 250cycle : refer to *2 |    |
| Note                                                   |                                                                                               |    |

\*1 During testing, the flow rate value may deviate within the range from minimum to maximum value of each communication index at the timing of surge impulse. After the surge impulse, the deviation vanishes.

\*1 시험 중, 서지 임펄스 시간동안 유량 값이 각 통신 지표의 최소 값에서 최대 값 범위 내로 어긋날 수 있지만, 서지 임펄스 가 발생 후에 이 편차는 없어진다.

\*2 Although the EUT may stop the communication or powered down, restart and normal operation must be able to after the test.

\*2 EUT 는 통신이 멈추거나 전원이 꺼지는 일이 있지만 시험 후, 재기동 및 정상작동이 가능하다.



| Regulations             |                         |
|-------------------------|-------------------------|
| CFR47 Telecommunication | Part15 subpart B ClassA |

## FCC rules

### FCC compliance statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### Responsible party for FCC matter

HORIBA Instruments Incorporated  
Head Office  
9755 Research Drive  
Irvine, California 92618 USA  
+1 949 250 4811

### Note

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.