

Smart Digital-Process Gas Detector

DA-790



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Product Overview

The DA-790 analysis equipment is a device that can measure NOX, SO₂, CO₂, CO, O₂, and H₂ components by sampling gas analysis using NDIR or NDUV, TCD, and optical methods.

DA-790 Gas Specific Specifications

1. NO_x

Classification	Contents
Measured gas	NOX
Measuring method	NDUV
Detection range	0~400PPM
Input power	AC 220V
External output	4-20mA
Communication	RS-485
Output	2step -Relay contact(AL1,AL2)

2. SO₂

Classification	Contents
Measured gas	SO ₂
Measuring method	NDUV
Detection range	0~300PPM
Input power	AC 220V
External output	4-20mA
Communication	RS-485
Output	2step -Relay contact(AL1,AL2)

3. O₂

Classification	Contents
Measured gas	O ₂
Measuring method	Optical
Detection range	0~25%VOL
Input power	AC 220V
External output	4-20mA
Communication	RS-485
Output	2step -Relay contact(AL1,AL2)

4. H₂

Classification	Contents
Measured gas	H ₂
Measuring method	TCD
Detection range	0~4%VOL
Input power	AC 220V
External output	4-20mA
Communication	RS-485
Output	2step -Relay contact(AL1,AL2)

5. CO₂

Classification	Contents
Measured gas	CO ₂
Measuring method	NDIR
Detection range	0~100%VOL
Input power	AC 220V
External output	4-20mA
Communication	RS-485
Output	2step -Relay contact(AL1,AL2)

6. CO

Classification	Contents
Measured gas	CO
Measuring method	NDIR
Detection range	0~50%VOL
Input power	AC 220V
External output	4-20mA
Communication	RS-485
Output	2step -Relay contact(AL1,AL2)

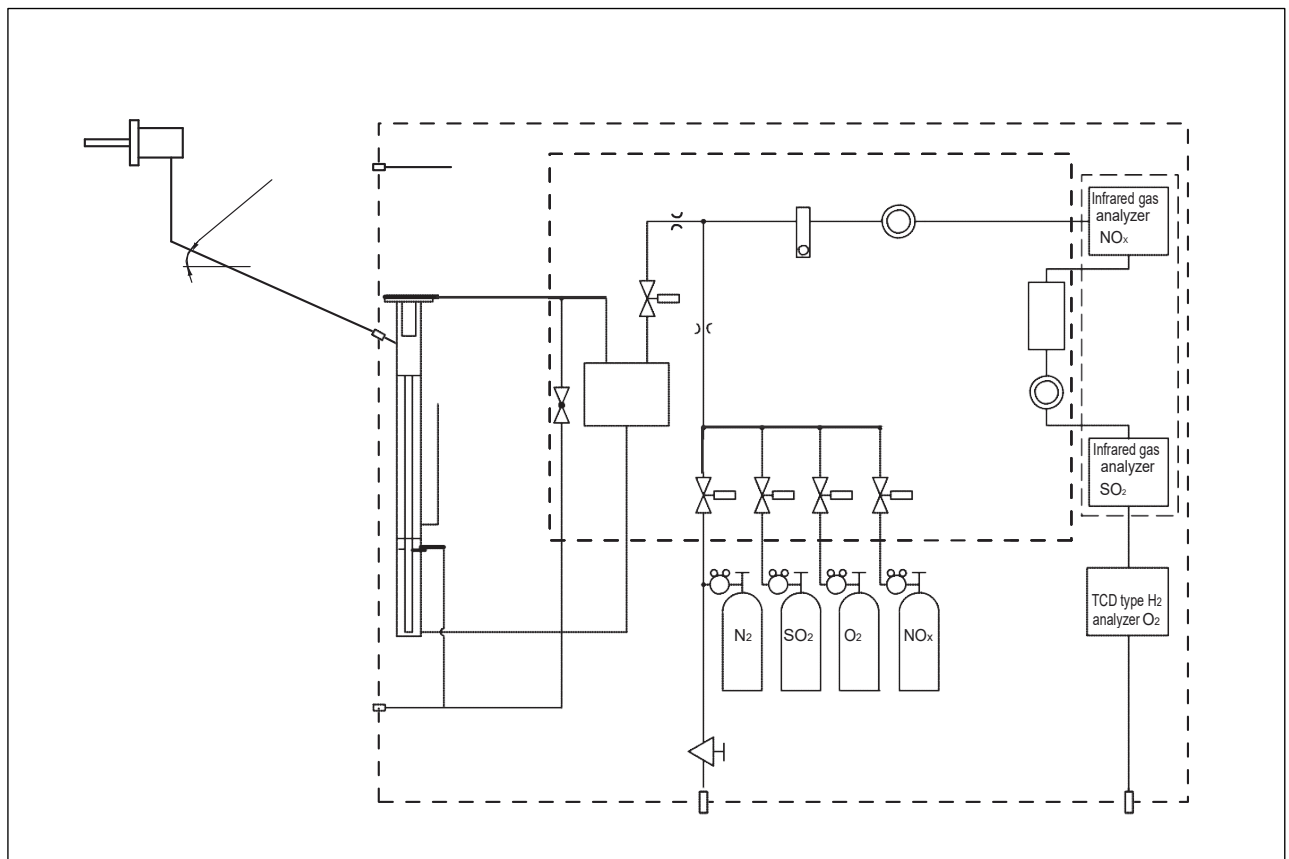
Order code

Model	Measurement Gas (Multiple selection from A to F)	GAS PROBE (Choose 1)	Moisture Cooler (Choose 1)
DA-790	A : NO _x B : O ₂ C : SO ₂ D : CO E : CO ₂ F : H ₂	1. (with probe) 0. (without probe)	1. (With water cooler) 0. (Without water cooler)

Case 1.) When selecting NO_x gas and O₂ gas and installing a probe and moisture cooler
Order code: DA-790-AB-1-1

Case 2.) When CO gas, CO₂ gas, O₂ gas, H₂ gas are selected and a probe and moisture cooler are installed
Order code: DA-790-BDEF-1-1

Parts layout diagram



Reference photo

