

Flue gas analyzer

HT-1210N/1210NT



CO H ₂ 補償付	°C
0 ~ 10000ppm	0 ~ 650°C

Measurement item

1210N ; CO

1210NT; CO · Temperature

H₂ Compensation as standard function











More accurate CO measurement by mean of H₂ compensation function.

CO Peak · Average · Alarm function

Auto measurement of CO peak value and CO average value.
3 steps alarm both indication at display and beep sound.

Integrated Data logger

Data storage up to 100 data.

Option		
IR Printer HT-1610		Roll paper x 1 AAbattery x 4
Printer paper HT-1636		5 rolls
Ambient air temperature sensor HT-1321		0 ~ 100°C For air temperature
Attach case HT-1315		Made by aluminium Size 350×460×155mm 2.9kg
Measurement Software for PC Online View 2000 HT-2084		RS232 transfer cable USB cable Recommended OS: Windows7/8.1/10
Measurement Software for PC Online View 2000 HT-2094		RS232 transfer cable Recommended OS: Windows 7/8.1/10
Battery charge for abroad HT-1318		AC100 ~ 240V
Sampling probe HT-1001A		L=300mm φ6mm Inc. condensate trap Flue gas temp.; 0 ~ 650°C
Probe handle HT-7201A		Sampling hose length 1800mm Inc. condensate trap
Probe tube HT-7231		L=180mm φ5mm Flue gas temp.; 0 ~ 650°C
Probe tube HT-7235		L=500mm φ6mm Flue gas temp.; 0 ~ 650°C
Probe tube HT-7232		L=750mm φ6mm Flue gas temp.; 0 ~ 650°C
Probe tube HT-7233		L=750mm φ8mm Flue gas temp.; 0 ~ 1100°C

Specification

Measurement items

CO (H ₂ compensation) *1	Measurement range	0 ~ 10000ppm (0.000 ~ 1.000%)
	Accuracy	Measured value=0 ~ 200ppm : ±10ppm Measured value=200ppm ~ : ±5%reading
	Resolution	1ppm (0.001%)
	Response time	<30sec.
Temperature G (K thermocouple)	Measurement range	0 ~ 650°C 0 ~ 1100°C (depend on probe tube)
	Accuracy	±1°C or ±1% (0 ~ 650°C) reading*2 ±2% reading (650.1 ~ 1100°C)
	Resolution	0.1°C (0 ~ 999.9°C) 1°C (1000 ~ 1100°C)
Temperature A (Pt2000Ω) *3	Measurement range	0 ~ 100°C
	Accuracy	±1°C
	Resolution	0.1°C

Sensor

CO (H ₂ compensation)	Electrochemical
Temperature G	K thermocouple
Temperature A	Pt2000Ω

Main unit

Temperature	Operating : 0°C ~ +45°C Storage : -20°C ~ +60°C
Display	Dotmatrix 4 lines
Size	(W×H×D) 80×150×35 mm
Weight	Approx.330g
Power	Battery charger (AC100V 50/60Hz DC12V 100mA) Integrated Nicd rechargeable battery (Max.8hours continuous operation)

Standard equipment ※Select one of probes

Integrated	Pump, Interface for PC (RS232) Data logger (possible to store 100 data), Interface for printer	
Accessory	Battery, Sampling probe, Condensate trap, Reflection plate, Carrying case, Softcase, Filter set	
Description	Art. No.	Spec. / remarks
Sampling probe/HT-1210N	HT-1229D	L=180mm φ5mm, with condensate trap, w/o temp.measurement
Sampling probe(with flue gas temp. sensor)/HT-1210N	HT-1006	L=180mm φ5mm, with condensate trap, flue gas temp.0 to 650°C

Option

Probes					
Long probe	HT-1235D	L=690mm φ6mm, with condensate trap, w/o temp.measurement			
Sampling probe	HT-1001A	L=300mm φ6mm, with condensate trap, flue gas temp.0 to 650°C			
L-Probe	HT-1238D	L=120mm φ5mm, with condensate trap, w/o temp.measurement			
L-Probe	HT-1006L	L=120mm φ5mm, with condensate trap, flue gas temp.0 to 650°C			
Probe handle	with hose, condensate trap				
Probe handle	HT-7201A				
Probe tube (for probe handle HT-7201A)	L=180mm φ5mm, flue gas temp.0 to 650°C				
Probe tube (With flue gas temp. sensor)	HT-7231	L=500mm φ6mm, flue gas temp.0 to 650°C			
	HT-7235	L=750mm φ6mm, flue gas temp.0 to 650°C			
	HT-7232	L=750mm φ8mm, flue gas temp.0 to 1100°C			
	HT-7233	φ3×130L, 0~950°C,			
Temp. probe	Kthermocouple	HT-1251a	for air/liquids		
		HT-1252a	φ1.5×130L, 0~950°C, for air/liquids		
		HT-1253a	φ3×130L, 0~400°C, for air/liquids/food, centric top		
		HT-1254a	130L, 0~400°C, for surface /rifts/air/liquid		
		HT-1255a	φ4×130L, 0~650°C, for surface /air/liquid		
		HT-1256a	0~450°C, magnetic probe for surface		
		HT-1257a	0~180°C, Pliers probe for plates, tube		
		HT-1257a	0~100°C, for air		
		Air temp.probe	Pt2000Ω	HT-1382	0~100°C
		Ambient air temp. sensor	Pt2000Ω	HT-1321	AC100~240V
Battery charger		HT-1318	Aluminum, dimension: 350×460×155, weight: 2.9kg		
Hard case		HT-1315	Online View 2000		
Measurement software (with RS232 cable)		HT-2094	(Recommended OS : Windows 7/8.1/10) Online View 2000		
Measurement software (with RS232 cable・USB conversion cable)		HT-2084	(Recommended OS : Windows 7/8.1/10) Roll paper ×1 AA battery×4		
Infrared printer		HT-1610	5 rolls		
Roll paper for printer		HT-1636			

*1 : Compensate the measured value when measure flue gas include H₂.

*2 : The higher value is applied as accuracy.

*3 : Ambient air temp. (optional items) sensor is needed.

* Accuracy is based on cylinder gas.

Specification might be changed without notice.



HT-1210N Standard set

- Main unit
- Sampling probe HT-1229D
- Battery charger
- Carrying case
- Softcase
- Reflecting plate
- Filter set
- Operating manual

Price **140,000 yen**
(tax excluded)



HT-1210NT Standard set

- Main unit
- Sampling probe HT-1006
- Battery charger
- Carrying case
- Softcase
- Reflecting plate
- Filter set
- Operating manual

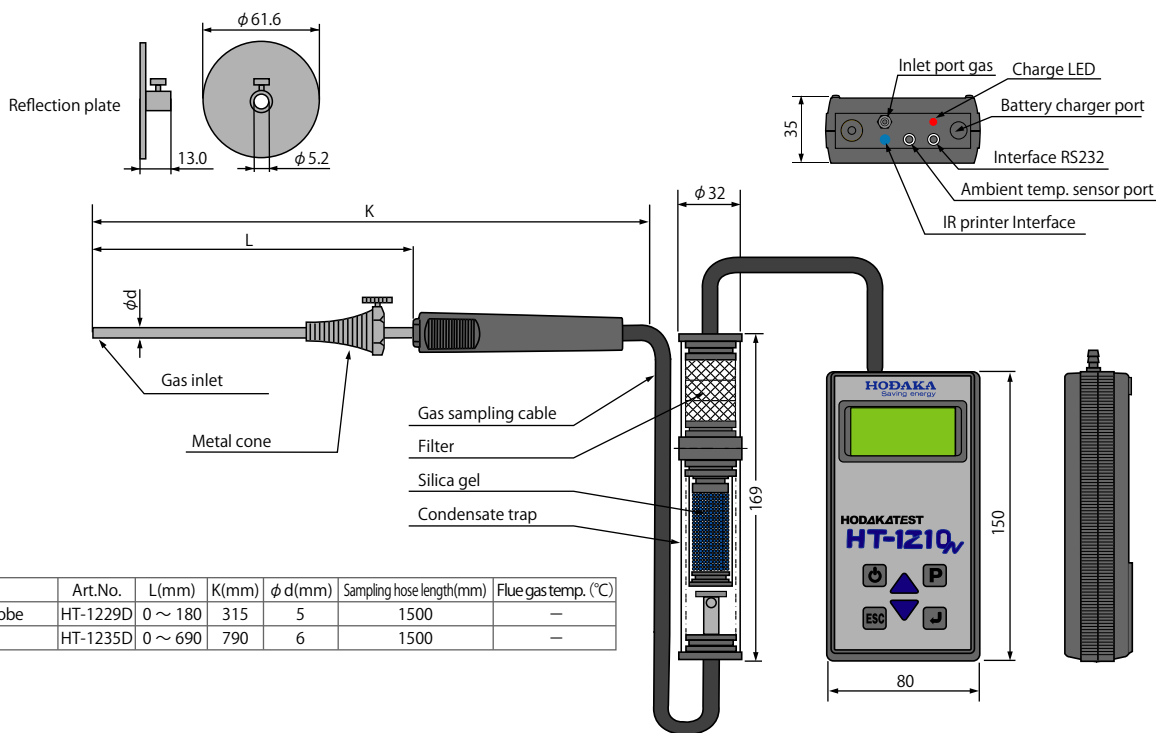
Price **154,000 yen**
(tax excluded)



Flue gas analyzer HT-1210N/1210NT

Dimension

HT-1210N



HT-1210NT

