

Azbil

Описание

Газовый хроматограф

HGC303

По вопросам продаж и поддержки обращайтесь:

Архангельск (8182)63-90-72
Астана +7(7172)727-132
Белгород (4722)40-23-64
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Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Казань (843)206-01-48

Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
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Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41

Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Челябинск (351)202-03-61
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Features

1. Heat value Gas Chromatograph

The model HGC303 is the world smallest gas chromatograph, which is capable of analyzing 11 different components of natural gas and digitally output the derived parameters, such as calorific value, Wobbe-index, or density.

Model No.	Description
HGC303 - 1E	ISSeP/CENELEC Flameproof
HGC303 - 1F	FM Explosionproof / Flameproof



Model HGC303

2. Heat Value Gas Chromatograph Fieldbus Adaptor

Heat Value Gas Chromatograph Fieldbus Adaptor (Model HFA) is an communication interface module used to connect the Model HGM (Model HGC monitor) a Windows-based PC application, to Yamatake's state of art analyzer, Model HGC that operates on a FOUNDATION™ fieldbus H1 network. Users can easily configure, monitor and maintain the Model HGC all from a PC by simply connecting the Model HFA to the Fieldbus network.

Model No.	Description
HFA100	Fieldbus Adaptor

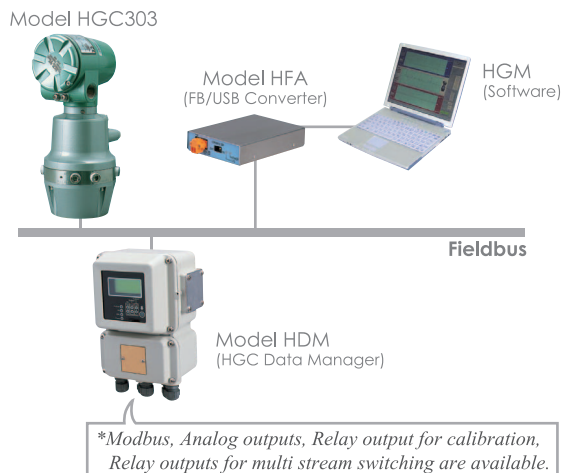
FOUNDATION™ is a trademark of the Fieldbus Foundation.

3. Heat Value Gas Chromatograph Data Manager

Heat Value Gas Chromatograph Data Manager (Model HDM) is a powerful component, which adds valuable data management function to the analyzer. For the fiscal measurements system purpose, 20 PV's from Model HGC303 will be converted to the floats data type of Modbus, and transferred to Modbus host as request. Other functions are: Multi serial ports, Data storage function, Multi stream switching, Field mounting with local display, and Analog output.

Model No.	Description
HDM303 - 22SC	with RS232 / RS232 / Status output / Calibration output
HDM303 - 24SC	with RS232 / RS485 / Status output / Calibration output
HDM303 - 44SC	with RS485 / RS485 / Status output / Calibration output
HDM303 - 2DSC	with RS232 / 2-Stream / Status output / Calibration output
HDM303 - 2DDD	with RS232 / 4-Stream output
HDM303 - 4DSC	with RS485 / 2-Stream / Status output / Calibration output
HDM303 - 4DDD	with RS485 / 4-Stream output
HDM303 - 2ASC	with RS232 / 2-Analog / Status output/Calibration output
HDM303 - 4ASC	with RS485 / 2-Analog / Status output / Calibration output
HDM303 - AASC	with 3-Analog / Status output / Calibration output

Basic system design



A single unit of model HDM or a combination of model HDM enables a use of Model HGC303 system in single or multi stream pipeline metering application *1 and process application *2 such as turbine control for power plant and heat value monitoring for industrial automation.

*1: Modbus communication to a flow computer or SCADA system with or without multi stream switching relay outputs)

*2: 4-20mA signal communication to a SCADA systems or existing control systems

Fieldbus Adaptor - Model: HFA100

The HFA Fieldbus Adaptor is an interface used to connect the HGM (HGC monitor) a windows-based, PC application, to azbil's state of the art analyzer, HGC (Heat Value Gas Chromatograph) that operates on a FOUNDATION fieldbus H1 network.

Users are able to configure, monitor and maintain the HGC all from the PC by simply connecting the HFA to the Fieldbus network.



Features

- User friendly
- Portable
- Secured connection
- Field proven technology

Heat Value Data Manager - Model: HDM303

The Heat Value Data Manager (HDM) is a powerful HGC family component, which adds valuable data management function to the analyzer.

Description

The HDM303 is a Fieldbus device and is completed by LAS (Link Active Scheduler) which acts as the "brain" when it comes to scheduling and controlling Fieldbus communication.

Model HDM303 also has a Data storage function which functions as a back up system. For the fiscal measurements system purpose, 20 PV's from the Heat Value Gas Chromatograph will be converted to the floats data type of Modbus, and transferred to the Modbus master device as request. The HDM303's multi serial port allows users to connect the other Modbus master devices in parallel.



Features

- Data storage function
- Multi serial port
- Multi stream switching
- Local mounting
- Analog output

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