Bar) Baraa Technology

▶ About Us

IS A Pioneer In Manufacturing And Acting As An Agent For The Largest International Companies In Medical Gas Network Components.

We Serve The Needs Of The Egyptian Market, The Middle East, And Africa.

We Believe In Poviding High-Quality, Approved Products That Conform To International Standards And Are Compatible With All International Medical Codes. Our Goal Is To Be The First Entity In Egypt To Manufacture Products With International Standards.

We Achieve This By Utilizing Reliability, International Standards, And Distinguished Competencies, Which Enable Us To Deliver A Distinctive And Valuable Experience For Our Customers.

▶ Mission

Serving The Medical Community. Excellence In Every Task And Service Undertaken. Develop People And Encourage Team Enterprise.

▶ Vission

Leading The Way In Providing Integrated Solutions That Conform To International Standards And Are Compatible With All International Medical Codes For Medical Gas Networks In The Middle East And Africa.

![Baraa Technology logo]

MEDICAL GAS ALARM

We are a technology company, producing and doing Research & Development in the fields of electronics, medical and industrial control systems.

The basic principle of our company is to provide the best solutions to different projects with low cost – high performance criteria and advanced technology employment. Design and manufacturing takes place after a thorough product and cost research that enables users to control and use equipment; international standards are followed and quality electronic and mechanical materials are featured with the lowest cost possible.

Our vision is to use high-tech medical and industrial electronic systems in order to reduce foreign dependency of our country, become the pioneer in creating and deploying design and software standards in electronic design and electronics manufacturing, stay up-to-date with our field of activity in terms of technology, and actualize previously unfulfilled projects in the circuit.

Touch Screen

Digital Readings

O2% Purity

CE

BARTECH ALARM LCD

BARTECH ALARM LCD

is medical gas alarm device

Featuring pressure switches. It can be used in all pressure and

vacuum system including medical gases and medical air. It can use with

both low and high pressure inputs. Can be used for up to 5 gases. Unused gases can be switched off. Both types

of pressure switches (normally closed / normally open) are available.

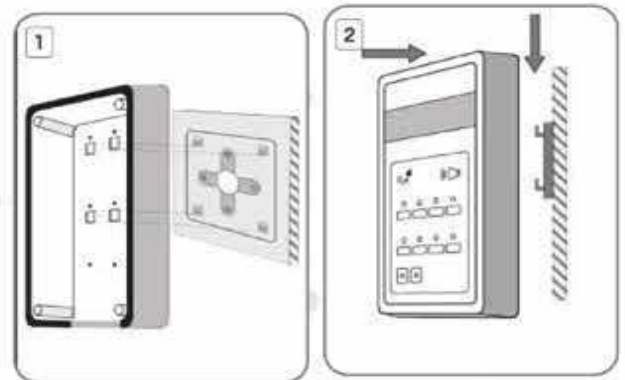general alarm relay output for projects not containing a central automation system. It is a completely microprocessor controlled

device for applications that don't require digital tracking of gas pressure, but only low and high-pressure tracking.

- Tracking of up to 5 gas and/or vacuum lines
- Easy closure of unused gases
- Can be mounted to walls and boards
- Alarm silence and indicator test buttons
- lcd display
- Remotely visible red alarm LED for each channel
- microprocessor controls
- Low-cost and efficiency

CE

BARTECH ALARM TSC

BARTECH ALARM TSC

Digital alarm device reads pressure values with wide color touch screen that displays different gases readings and the operating states of each gas and also the operating state of the device as a whole . The device can use for eight gases (1:8 lines) ,the device can measure O2 purity option . Device displays data on the touch screen, it's also provided with NO/NC relay and RS socket to connect with PC computer .

Device monitors and gives alarm on high and low values of pressure where user can set the upper limit and lower limit for every gas separately through the screen by pressing on gas location on screen then entering the password .

Device uses for area alarm continuously that monitors the gas alarm condition in pipeline at area or zones and local alarm continuously that monitors specific alarm condition locally at piece of source equipment.
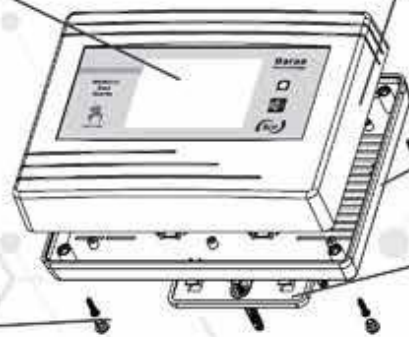
1- COLOR TOUCH SCREEN

2- FRONT PANEL

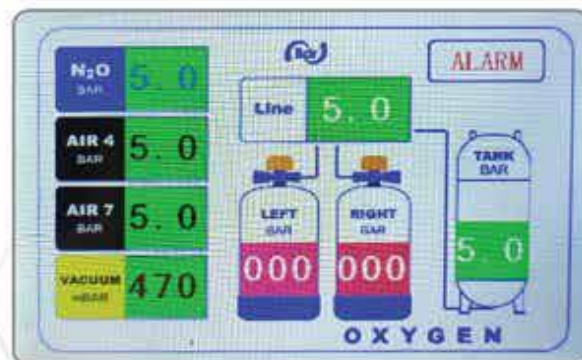3- BACK PANEL WITH BOARD

4- INSTALL SET

5- FIXING SCREW

CE

BARTECH ALARM TSC

Device displays different gases, each gas in its location on the screen where it displays the gas name ,reading value , pressure state (low/high/normal) with states colors - green in normal case - dark red in high pressure case - heavy red in low pressure case Screen has condition statues that appears "okay" when everything is normal "alarm" when there is pressure fault "mute" when mute press during alarm

- TTL SERIAL LCD color screen
- 480 x320 pixel resolution touch screen
- Tracking of up to 10 gas and/or vacuum lines
- Data transfer via RS – MODBUS
- Easy-to-use menu screen
- Remotely visible red alarm icon for each channel on screen
- Bright green icon showing normal operation for each

Channel on screen
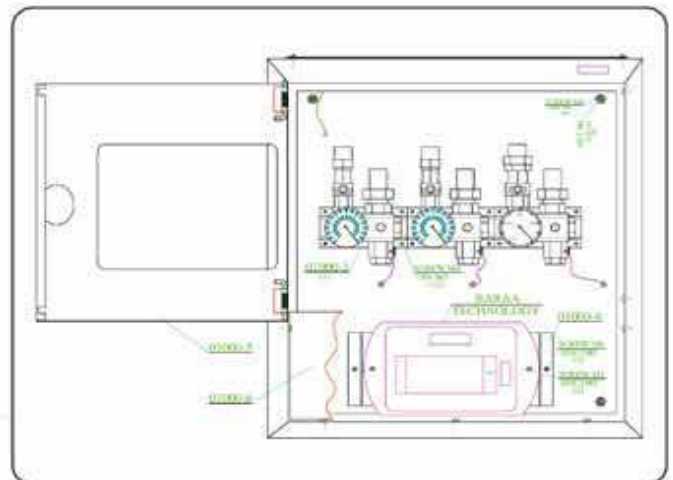
- Microprocessor-controlled electronic system

ZONE SERVICE UNITS

Description:

Zone Control and Alarm Units are located in some distribution points, and are used for controlling gas flows in specified zones. Zone Control and Alarm Units indicate pipeline pressure case and optional use lcd alarm isolation of the zone. 1,2,3,4 and 5 gas options are available.

Characteristic Features: It can be designed in many different types. Usually alarm system is installed on the main unit and becomes more useful. In some applications,color tach screen digital alarm system can be mounted on some other points by the cables. If distribution line is too long, then pressure is needed to be increased on central gas plant output. It may cause high pressure points where is close to central gas plants, in this case; second stage pressure regulator should be installed.

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Certificates

| PS-24083 | ISO 13485:2016 | ISO 9001:2015 |