

PG ERIS-411 Portable Gas Detector



PG ERIS-411 – Individual portable single-channel gas analyzer for the detection of explosive concentrations of inflammable gas, carbon dioxide, toxic gases or oxygen. It allows you to control the level of gas content in staff locations: work areas, wells, and confined spaces.

Features and benefits



Multi-zone applications

- Possibility of using thermocatalytic, electrochemical and infrared optical sensors (optional)
- Ensuring the safety of personnel in the working area, wells, and confined spaces



Powerful battery

- Work durability up to 20 hours (normal conditions)
- Ability to charge anywhere (using the dock and USB cable)
- Work durability at a temperature of -30°C (not less than 8 hours)



Bluetooth

- Option for wireless data transfer and instrument settings



Ease of use

- Lightweight body (200 g)
- Compact size
- Ergonomic design
- Intuitive interface
- One-button control
- Easy sensor replacement



Accuracy and reliability

- Shockproof housing
- Self-diagnostic function
- authorized access protection
- Light, sound and vibration alarm
- High sensitivity
- Stability and durability
- Bright screen

Crocodile clip

Ease of use

Operational alarm

Light, sound and vibration signal

TFT-display

Display settings
Current concentration readings
gas contamination



Status indicator

High range of visibility of the indicator

Multifunction button

Simple and intuitive device setup

Body

made of impact-resistant polymer

* Additional service for customers:

Possibility to train customer specialists to repair and maintain the devices

Mine components

Dock station



AC charged



USB-cable

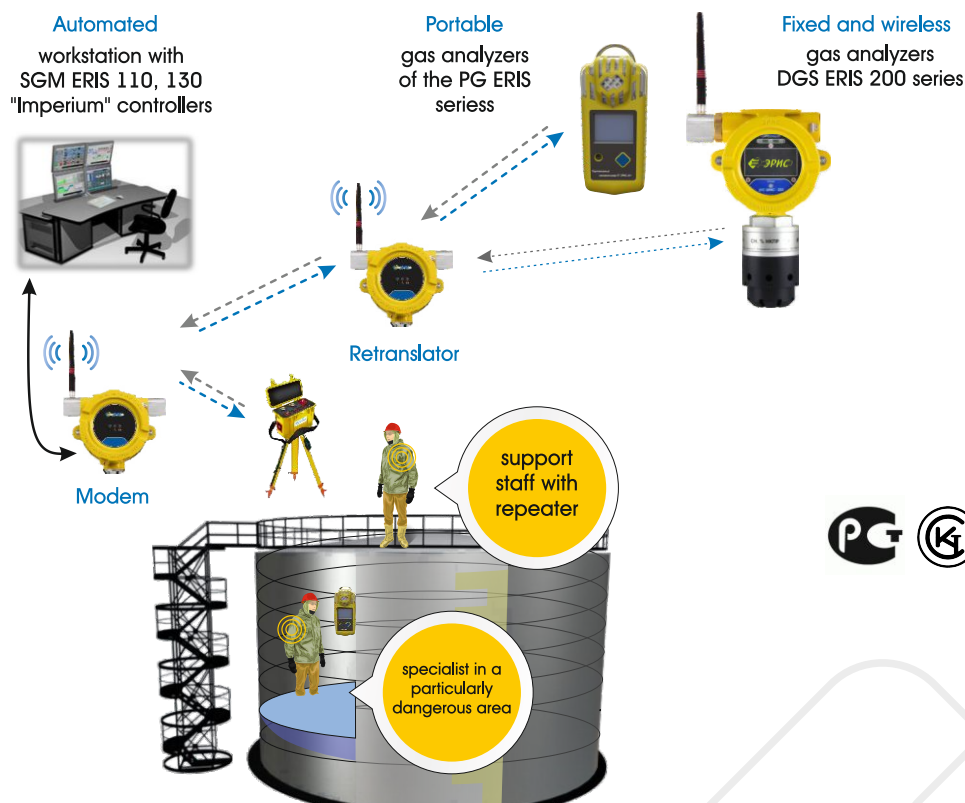


Calibration nozzle

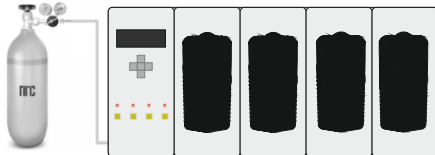


PG ERIS-411 main parameters

Sensors used	infrared optical thermocatalytic electrochemical
Indication	status LEDs frost-resistant OLED-screen
Alarms	visual 360° sound > 90 dB
Working hours	up to 20 h
Charging hours	up to 2 h
Data logger	up to 7000 events
Sample	1 Ex d ia IIC T4 Gb X
Protection degree	Ipp66
Settings	multifunction button mobile application for connecting and alignment through Bluetooth
Wireless interfaces	- Bluetooth - 2.4 GHz radio channel - LoRa WAN - E-WIRE - GLoans - GSM
Environmental conditions	from -45 to +50 °C
Pressure	from 84 to 106.7 kPa
Body material	Rubberized impact-resistant polymer
Colour	yellow - standard other colors on request
Size	120 x 63 x 31 mm
Weight	200 g



Calibration station



Sampling kit
(hand pump, sampling tube, probe)



Motorized sampling pump



Other devices



PG ERIS-414



DGS
ERIS-230 RF



DGS
ERIS-PID



Advant 2



DGS
ERIS-210S



ERIS
IP-330

"ERIS", LLC
Address: 617762, Russia, Perm Region,
Chaikovsky city, Promyshlennaya st., 8/25.

Phone: +7 34241 6 55 11

Fax: +7 34241 6 55 11

Sales department:
Phone: +7 34241 6 55 11 ext. 170

Email: info@eriskip.ru

