

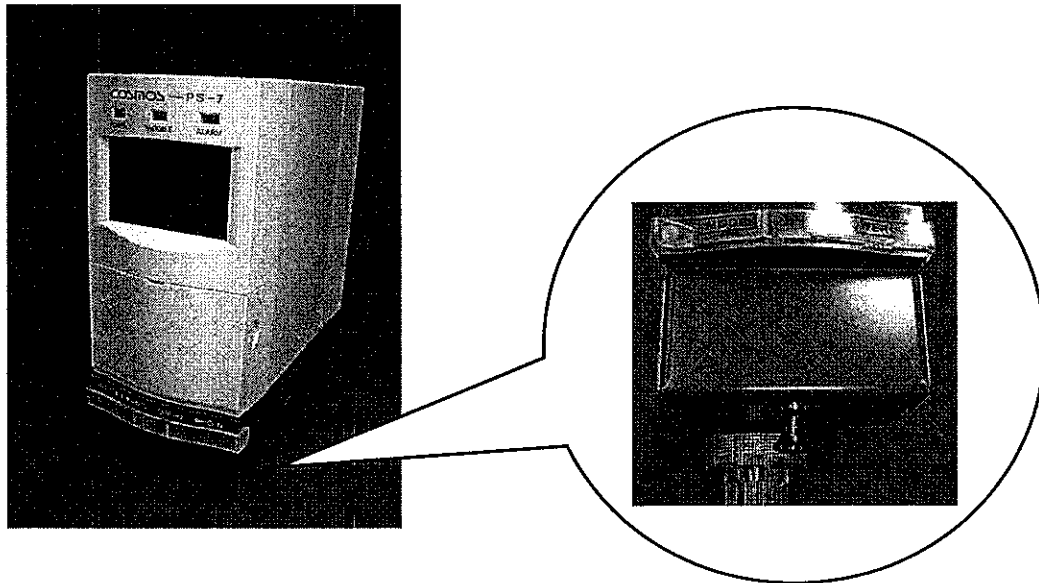
SUCTION-TYPE GAS DETECTOR

(Detachable Sensor Unit and Sampling Unit)

Model PS-7

PYROLYZER

OPERATION MANUAL



- Be sure to store this operation manual in a convenient location, and consult it whenever necessary.
- Operate this unit only after reading and fully understanding the content of this manual.
- This Operation Manual was written for the pyrolyzer(option). Instructions for the basic operations of this unit are provided separately in the standard Operation Manual. Refer to the Operation Manual when necessary.



NEW COSMOS ELECTRIC CO., LTD.

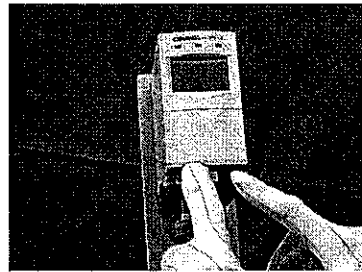
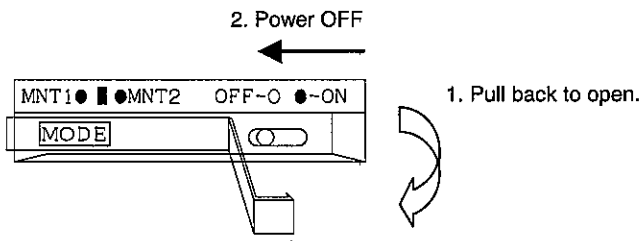
Document No.
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August 2004

Attach/Replacing the pyrolyzer

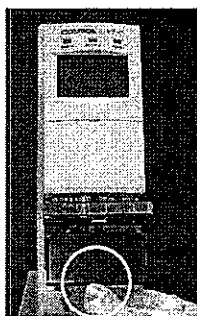
⚠ Caution

- The sensor unit and pyrolyzer must be replaced every six months. Always replace sensor unit and pyrolyzer that have reached their service life. (The shelf life of the units is stated on its packing).
- Be sure to check that the serial number of the pyrolyzer equals to the serial number of the sensor unit.
- The replacement sensor unit and pyrolyzer must be installed before the shelf life has expired.
- Turn off the power source before carrying out any replacements.
However, when the power switch to the main unit is turned off to replace the sensor unit, the trouble alarm output (open collector) is also turned off. If alarm contacts are used for interlocking with external devices, verify that the interlock be released prior to conducting the alarm test.

1. Turn off the power source to the main unit

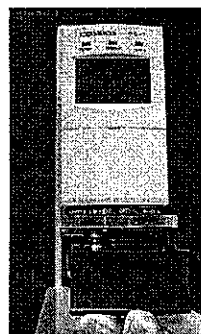


2. Pull the cover lock knob down and release the lock. And after pulling it down further below, pull back the pyrolyzer case cover and remove it.



Cover lock knob

1. Pull the cover lock knob down and release the lock.

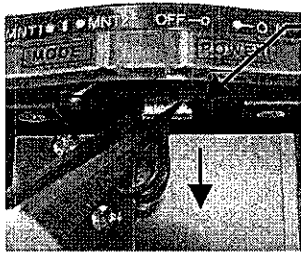


2. While pulling down the knob, pull down the pyrolyzer case cover.

3. Pull back to remove the cover.

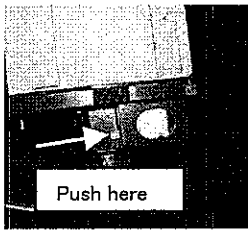
3. Removing the old pyrolyzer, Pull out the connector.

When it is newly installed and there is no pyrolyzer, refer to 6.

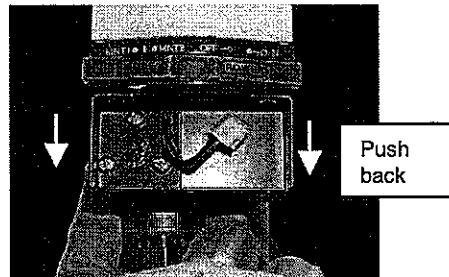


Pull downwards.
Hold the connector and pull out.
Do not pull the connector cable.

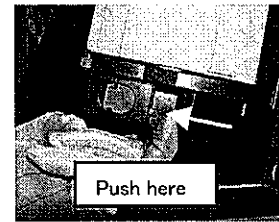
4. Push the 2 protrusions behind the pyrolyzer with your forefinger and middle finger.



Left side



Front view



Right side

5. Hold the both sides of the pyrolyzer, and remove it.

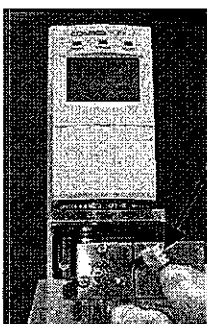


Hold here

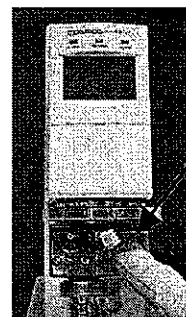


Pull back and remove.

6. Insert the new pyrolyzer. Push the gray part with your finger as shown below, and insert it completely. (Push it in as far as it will go.) Be sure to check that the serial number of the pyrolyzer is equal to the serial number of the sensor unit.

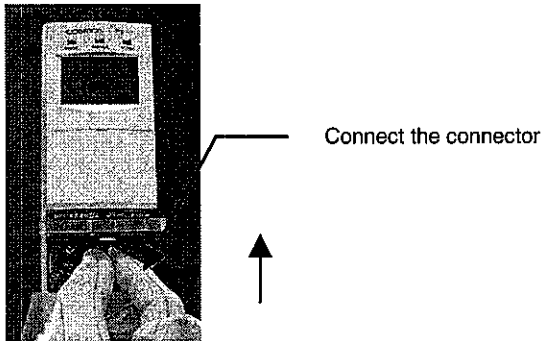


Move the connector upwards

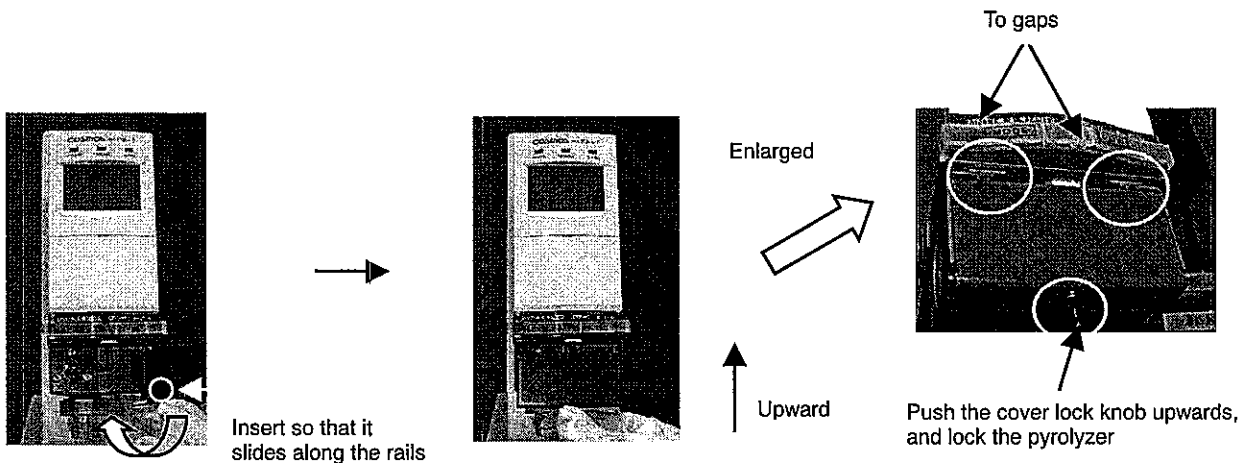


Push the gray part.

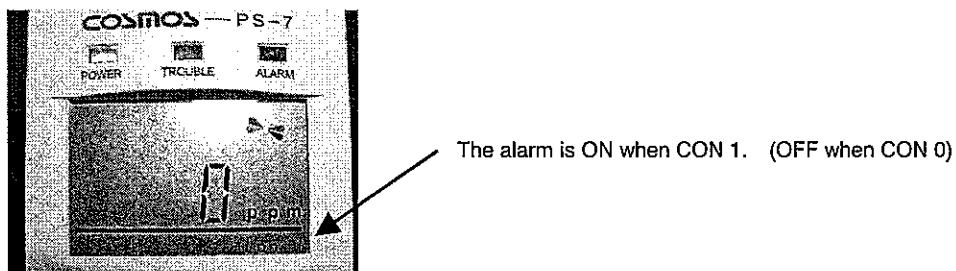
7. Connect the connector of the pyrolyzer.



8. Put the pyrolyzer case cover. Push the cover lock knob upward, and lock the pyrolyzer.



9. Switch the main unit power ON. Press the up/down switch, "△" or "▽" on the main unit, and verify that the pyrolyzer failure alarm is ON.



Warning

Be sure to check that the pyrolyzer failure alarm is set to ON. When regular operations are carried out at the failure alarm OFF, the failure alarm will not work.

Note

Please return the used sensor units and pyrolyzer to your authorized dealer.

Manual Revision History

Edition No.	Date	Revisions
GAE-020	August 2004	

Additional copies of this Operation Manual are available.

Contact the following address for ordering information.

Distributor:

Manufacturer:

New Cosmos Electric Co., Ltd.
2-5-4 Mitsuya-naka
Yodogawa-ku
Osaka 532-0036, Japan
Phone 81-6-6309-1505
Fax 81-6-6309-1514