CO-O$_2$ Analyzer for Coal Silo & Mill

Walsn®

Digital Intelligence
for the Energy Industry

falkonet

# CO Analyzer for Coal Silo & Mill MSM-100 Series

- Walsn's Mill & Silo Monitoring system (MSM-100) is specifically designed to continuously detect carbon monoxide (CO) in pulverizing mills. This system is specifically designed to detect high levels of CO, produced by any incomplete combustion, effectively giving advance warning of a mill fire.

- This system is intended for operation in the electricity power plant, metals, cement, steel, and processing industries, while also suitable for any coal system where advance warning of spontaneous combustion is required.

- A probe, blowback unit, and control unit act as the three principal parts of the MSM-100 system.

- **MSM - 100 Series, including:**

MSM-100
single channel CO detecting system

MSM-100-O
single channel CO+O_2 detecting system

**MSM-100-D**
two-channel CO detecting system

- Storage Silos
- Pulverizing M
- Grinding Plar
- Coal Bunkers
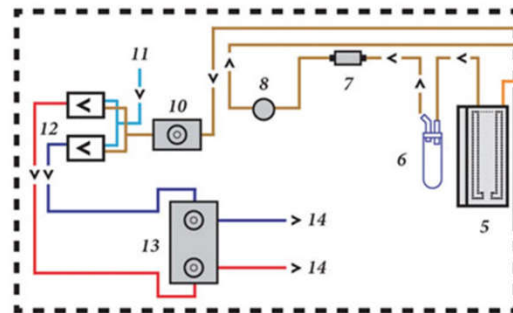
Information

1. coal mill
2. probe
3. sample gas
4. radiator
5. gas cooler
6. condensate water collector
7. secondary particle filter
8. sample gas flow sensor
9. sampling pump
10. O_2 sensor (single channel optional
11. compressed air
12. sensor conversion electromagnetic valve
13. CO dual sensors
14. exhaust gas outlet
15. compressed air electromagnetic valve
16. compressed air inlet
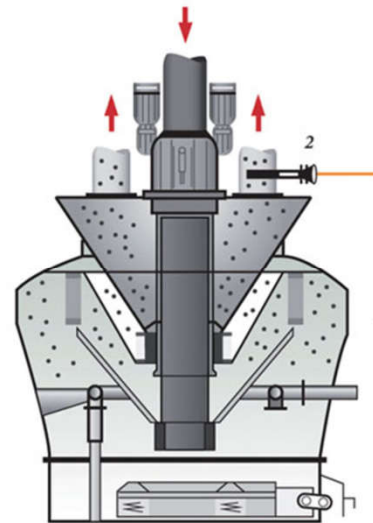
- Heated Sampling Air
- Ambient Air
- Cooling / Cleanness
- Sampling Air
- Sampling Air Channel 1
- Sampling Air Channel 2