



锐意自控

On line rack type Gasboard-3100 Syngas Analyser

$O_2\% + CO\% + CO_2\% + CH_4\% + C_nH_m\% + H_2\%$
+ Gas calorific value calculation



Applications

- Coal chemical process
- Steel making process as
 - Blast furnace
 - Converter
 - Coking
 - Direct iron ore smelting reduction processes
- Coal or Biomass gasification
- Others



Syngas (from synthesis gas)

is the name given to a gas mixture that contains varying amounts of carbon monoxide (CO) and hydrogen (H₂).

Syngas production methods include steam reforming of natural gas or liquid hydrocarbons to produce hydrogen, the gasification of coal, biomass or Plasma gasification process (produces rich syngas including H₂ and CO)

Standard measuring ranges*

<u>GAS 3100 Syngas</u>	<u>GAS 3100 Syngas</u>
CO: 0-100%	CO: 0-100%
CO ₂ : 0-50%	CO ₂ : 0-50%
CH ₄ : 0-10%	CH ₄ : 0-10%
H ₂ : 0-50%	C _n H _m : 0-10%
O ₂ : 0-25%	H ₂ : 0-50%
	O ₂ : 0-25%

* Other range available on request