

CW-800

CO₂ / H₂O Determinator

≡ Specifications

MEASURING RANGES	
CO₂ Up to 400mg CO ₂ 1)	H₂O Up to 300mg H ₂ O 1)
Indicating range Up to 100% CO ₂ 2)	Indicating range Up to 100% H ₂ O 2)
SENSITIVITY	
CO₂ 0.0001% CO ₂	H₂O 0.0001% H ₂ O
ACCURACY	
CO₂ ± 0.02% CO ₂ or ± 1% of CO ₂ present 1)	H₂O ± 0.02% H ₂ O or ± 1% of H ₂ O present 1)
GENERAL SPECIFICATIONS	
Detection method Solid state infrared absorption for CO ₂ and H ₂ O	Normal sample weight 200 mg
Furnace temperature Adjustable up to 1000 °C	Normal analysis time 2 to 3 minutes
Interfaces Computer - serial 4)	Gas required Nitrogen 2 to 4 bar (30 to 60 psi) 3 l/min
Power requirements 230 V AC ±10% 50/60 Hz 10 A / 2.3 kW	Chemicals CO ₂ trap sodium hydroxide H ₂ O trap magnesium perchlorate
Weight Analyzer approx. 65 kg	Dimensions Width Height Depth 55cm (21") 80cm (31.5") 60cm (23.5")

ACCESSORIES
Balance: 0.0001g to 60 g \pm 0.0001 g
Computer: PC with HDD, 3.5" drive, CD-ROM, TFT flat screen and keyboard
Color printer with automatic cut sheet feed, other options on request

- 1) Depending on the material. 2) Possible by reducing the sample weight. 3) Allow 15 cm (6") access area behind the furnace. 4) Balance (serial - RS232) and printer (USB, parallel) are connected to the PC.