

H-500

Hydrogen Determinator

Specifications

MEASURING RANGES	
Hydrogen at 5 gram sample	
Low hydrogen 0 - 50 ppm H	High hydrogen Up to 1% H
Sensitivity 0.01 ppm H	
ACCURACY	
± 0.05 ppm H or ± 2.5% of the measured value, depending on which value is greater	
GENERAL SPECIFICATIONS	
Max. sample weight 10 g	Max. sample diameter 8 mm
Max. sample length 60 mm	Detection method Thermal conductivity
Interfaces Computer - serial ¹⁾	Carrier gas required Nitrogen min 99.995% pure, 2 to 4 bar (30 to 60 psi), 30 l/h
Power requirements 230 VAC ±10% 50/60 Hz 2.0 Amps; 450 Watts	Chemicals CO ₂ trap sodium hydroxide H ₂ O trap magnesium perchlorate Schutzes reagent
Weights approx. 40 kg	Dimensions Width Height Depth 75cm (29.5") 52cm (20.5") 60cm (23.5")
ACCESSORIES	
Balance: 0.0001g to 60 g ± 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) Balance (serial - RS232) and printer (USB, parallel) are connected to the PC.