

AUTOMOTIVE EMISSION ANALYZER (CO/HC/CO₂/O₂/NO_x)

CTA-2205



- Excellent accuracy, stability
- Non-dispersive integrated ultraviolet (NDIR) method
- Real-time measurement with superior response speed
- Warm-up for less than 5 minutes allows quick inspection preparation
- Sensor operation status notification function
- Long life with excellent durability
- Show excess air rate (λ), air-fuel ratio (AFR)
- built-in printer / RS232 Communication Output (optional)
- RPM / Oil temperature display (optional)
- PC programs (monitoring and operating)

— Specification —

Measuring item	CO, HC, CO ₂ , O ₂ , λ (air surplus rate), AFR, NO _x (optional)			
Measuring method	CO, HC, CO ₂ : NDIR Method O ₂ , NO _x : Electrochemical Cell			
Measuring range	CO	0,00 ~ 9,99%	HC	0 ~ 9999 ppm
Resolution		0,01%		1 ppm
Display		4 digit 7segment LED		4 digit 7segment LED
Measuring range	CO ₂	0,0 ~ 20,0%	O ₂	0,00 ~ 25,00%
Resolution		0,1%		0,01%
Display		4 digit 7segment LED		4 digit 7segment LED
Measuring range	λ	0 ~ 2,000%	NO _x (optional)	0~5000 ppm
Resolution		0,001%		1 ppm
Display		4 digit 7segment LED		4 digit 7segment LED
Repeatability	Less than $\pm 2\%$ FS			
Response time	Within 10 seconds (more than 90%)			
Warming up time	About 2 ~ 6 minutes			
Sample collecting quantity	3 ~ 6 L/min			
Power	AC110V only or AC220V only $\pm 10\%$, 50/60Hz			
Power consumption	About 50 W			
Operation temperature	0°C ~ 40°C			
Dimensions	370 (W) × 300 (D) × 165 (H) mm			
Weight	About 7 kg			
Basic accessories	Probe, Probe hose, Spare fuse, Leak test cap, Spare filter, Operation manual, Power cord			
Options	RS232 Communication cable, Printer, Printer paper			



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