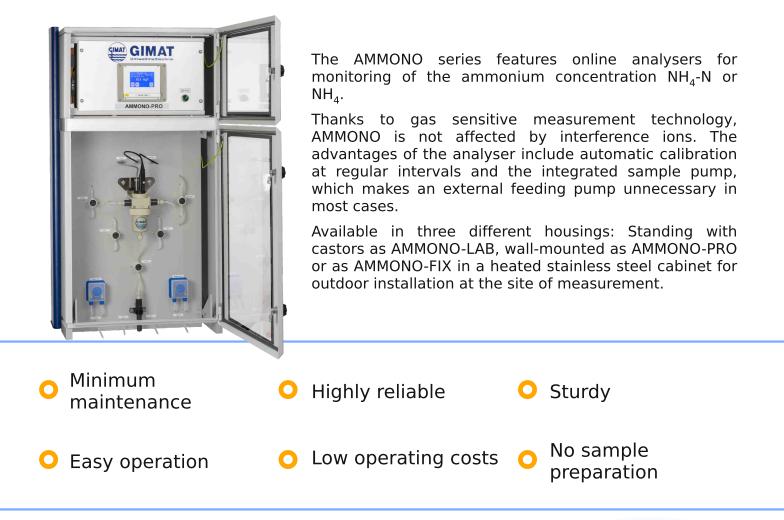
AMMONO Ammonium Analyser





Method

The measuring principle is based on the gas sensitive measurement by means of an ammonia electrode. The ammonium present in the sample (NH_4) is converted into ammonia (NH_3) at increased pH values. This easy, reliable and exact measuring principle is not affected by solids in the sample.

Thanks to large pipe and tube diameters no filtration is required. A sieve to hold back coarse dirt is sufficient, saving money and time-consuming maintenance.

Applications

Process water (paper industry, refineries, pharmaceutical industry) Municipal waste water Landfill water River water

AMMONO Series Analysers

Measuring method	Gas sensitive NH ₃ measurement
Measuring interval	10 min~24 h, freely selectable
Measuring range	0.1~20 mg/l; 0.1~200 mg/l
Accuracy	\pm 5% of measured value \pm 0,2 mg/l
Resolution	0.01 mg/l (measured value 0.01~9.99 mg/l) 0.1 mg/l (measured value ≥ 10.0 mg/l)
Repeatability	\pm 1% of measured value
Calibration	Automatic, manual or via remote control
Sample volume	1~2 l/h
Signal output	4~20 mA, RS 232, optional RS 422
Alarm output	Potential free contact
Power supply	230 V AC \pm 10%, 50 Hz, optional 115 V AC \pm 10%, 60 Hz
Sample temperature	4~40 °C

AMMONO-LAB

Description	Sheet steel housing with castors	
Power consumption	Max. 100 VA	
Ambient temperature	4~45 °C	
Dimensions	690 mm × 1780 mm × 690 mm	
Weight	Approx. 120 kg (without reagents)	
Protection class	IP 44	
Bueduct code 747.002		



Product code 747 062

AMMONO-PRO

		Umwelte
Description	Sheet steel housing for wall mounting	
Power consumption	Max. 100 VA	AMMONO-I
Ambient temperature	4~45 °C	P
Dimensions	600 mm × 1140 mm × 400 mm + 600 mm × 110 mm × 400 mm (drip pan)	
Weight	Approx. 90 kg (without reagents)	3 2
Protection class	IP 44	



Product code 747 082

AMMONO-FIX

Description	V2A stainless steel isolated with 40 mm PU foam
Power consumption	Max. 300 VA
Ambient temperature	-20~45 °C
Dimensions	720 mm × 1930 mm × 720 mm
Weight	Approx. 140 kg (without reagents)
Protection class	IP 65

Product code 746 012



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