

# NH<sub>4</sub> 722 Z

## Ammonium Probe



Ion selective electrode for ammonium with exchangeable membrane head.

Measuring method	Potentiometric, ion-selective
Measuring range	0~1000 mg/l NH <sub>4</sub> -N
Accuracy	± 5% of measured value ± 0.2 mg/l
Response time	< 5 min
Operating pressure	< 0.5 bar
Sample temperature	2~40 °C
Plug	S7
Material	PVC
Dimensions	220 mm × 11 mm
pH operating range	3-8

**Product code 712 800**

○ Short response time

○ Minimum maintenance

○ Exchange heads preassembled

○ No reagents required

### Method

For ion-selective measurements an ion-selective membrane separates the sample solution from the electrode. Ammonium ions can pass through the membrane while other ions are excluded. The electrical voltage between this ammonium electrode and a reference electrode in solution is measured, allowing a continuous measurement with short response time.

### Applications

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

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