

NH₄ 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 ₄ -N
Accuracy	± 2% 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