

NO₃ 722 Z

Nitrate Probe



Ion-selective electrode for nitrate with replaceable membrane head.

Measuring method	Potentiometric, ion selective
Measuring range	0~1000 mg/l NO ₃ -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	3-11

Product code Nr. 712 700

○ Short response time

○ Minimum maintenance

○ Exchange heads preassembled

○ No reagents required

Method

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

Applications

Process water (food industry, chemical industry, pharmaceutical industry)

Wastewater treatment plants