NEAR-REAL-TIME NMR

NanoNord

IN-LAB / ON-SITE

Accurate & Chemical Free Lithium Analysis in 2 Minutes

Powered by Nuclear Magnetic Resonance

- High Accuracy
- Quick Results
- High Precision
- Cost Effective
- Chemical-Free Analysis
- Plug & Play Experience

Tveskaeg®

G3 Flow

Powered by advanced Nuclear Magnetic Resonance (NMR) technology, the Tveskaeg G3 Flow performs near-real-time lithium concentration analysis in harsh environments. Designed for continuous in-line flow or manual sampling, it enhances extraction efficiency and provides fast, accurate results in under two minutes.

FEATURE HIGHLIGHTS

Accuracy	±2% All isotopes (Measured under standard factory conditions)
Analysis Speed	Quick start, no warm-up time required
Analysis Type	Reagent-free. No consumables, no chemicals.
Parameter Range	Advanced multi-parameter support: Lithium, Sodium, Chloride, Boron, Bromide & Many more
New Parameters	Expandable via additional licenses
Wi-Fi / Remote Monitoring	Yes (Depending on Region)
Modbus Connectivity	Yes

PHYSICAL PROPERTIES

Dimensions	380 x 420 x 230 mm
Weight	30 kg

ACCESSORIES & OPERATION

Maintenance	Industrial design, made for harsh environments
Calibration	Lifetime Calibrated
Deployment	Versatile: In-line or benchtop
Sample State	Pumpable liquid; max 5 bar overpressure*; up to 90 °C operating temperature* *For applications involving higher pressure or temperature, please contact us.

POWER SUPPLY

Power Input	90-264 V AC, 47-63 Hz
Standby Power Consumption	35 Watt

CORROSION RESISTANCE

Exterior	AISI316L Stainless Steel
In Contact With Sample	Titanium Grade 2, Teflon (PTFE)
Ingress Protection (IP)	IP54

Interested? **Contact us to get started**

nanonord.com

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info@nanonord.com