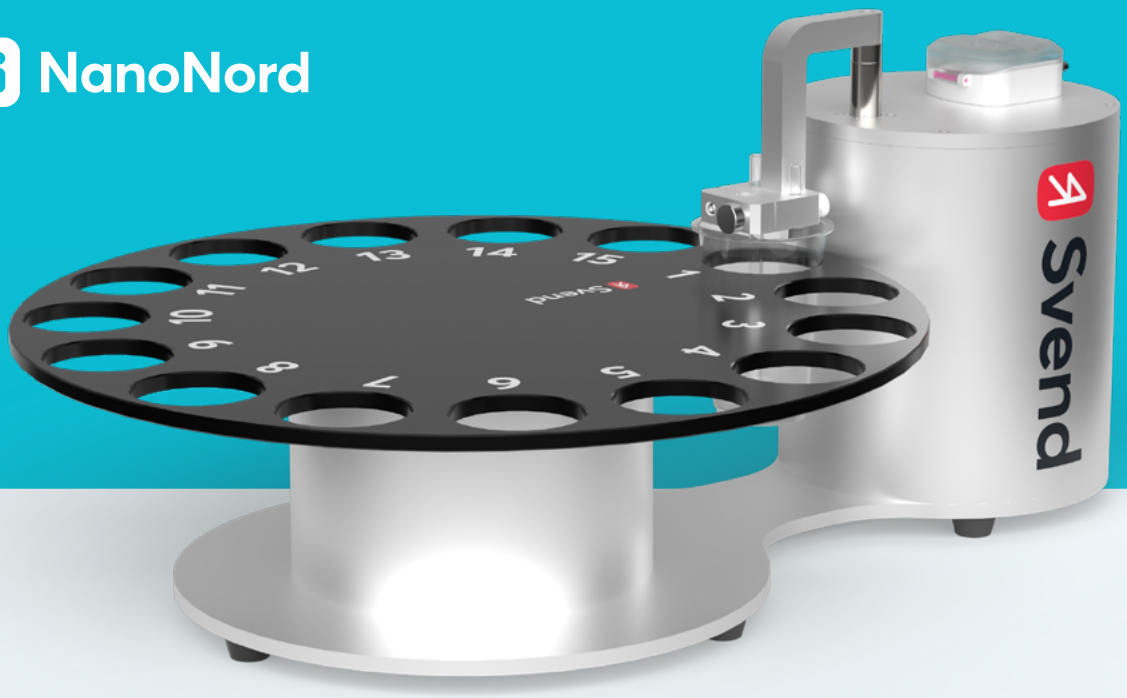
NanoNord




## Rigid & Reliable

# Svend Auto Sampler

### For Tveskaeg® G3 NMR Analyzer Systems

- Solid Aluminium Build
- 15 Cup Capacity
- Scale-Ready Dilution
- Homogenisation Support
- Plug & Play Experience
- G3 Workflow Integration

# Svend

**The Svend Auto Sampler** extends the Tveskaeg® G3 workflow with automated sample handling for routine QA/QC and process control.

Load cups, select a predefined job, press Start, and Svend prepares each sample consistently, transfers it to Tveskaeg G3 for measurement, cleans, and continues through the carousel. Designed for industrial environments and non-laboratory users, Svend reduces operator time, improves repeatability, and standardises preparation across shifts and sites.

TECHNICAL OVERVIEW

| | |
|---|---|
| **Compatibility** | Tveskaeg G3 NMR Analyzer (Required) |
| **Capacity** | 15 Positions (Typical: 14 Samples + 1 Cleaning Cup) |
| **Sample Format** | EU540 Cups (Nominal 400mL / Brimful 540 mL) |
| **Automated Actions** | Dilution / Pre-Soak (optional) / Homogenisation (optional) / Sample Transfer to Tveskaeg® G3 / NMR Measurement / Cleaning |
| **Interfaces** | USB 2.0 (2x Type-A + 1x Type-B) |
| **Svend + Tveskaeg® Supported Accessories** | POLYTRON PT 1300 D Homogeniser / Precision Scale (Kern, Mettler Toledo, A&D, RADWAG, OHAUS, Shinko Denshi (Vibra)) |
| **Power Input** | 100-240 V AC, 50-60 Hz |
| **Dimensions (W x H x D)** | 575 x 605 x 810 mm |
| **Weight** | 19 kg |
| **Build Material** | Anodized Aluminium |
| **Ingress Protection** | IP20 |

## Typical Applications

- Production QA/QC
- Routine multi-sample runs
- Standardised sample preparation
- Operator-driven workflows

## Key Benefits

- **Up to 15 samples** per run (14 with cleaning position)
- **Consistent preparation** with reusable, predefined jobs
- **Scale integration** for controlled dilution per cup
- **Optional POLYTRON PT 1300 D homogeniser** for better representativity

- **Job flexibility** allows for adding & removing sample cups in an active job
- **User friendly**, plug & play operation
- **Exceptionally rigid** anodized aluminium body
- **Built into the Tveskaeg NMR** platform; one workflow, one interface