NMR

Fourier 80 Automation Suite

Reliable Benchtop NMR for Routine Laboratory Workflows

Innovation with Integrity

One autosampling platform for mixed workflows - ambient, cooled, and heated

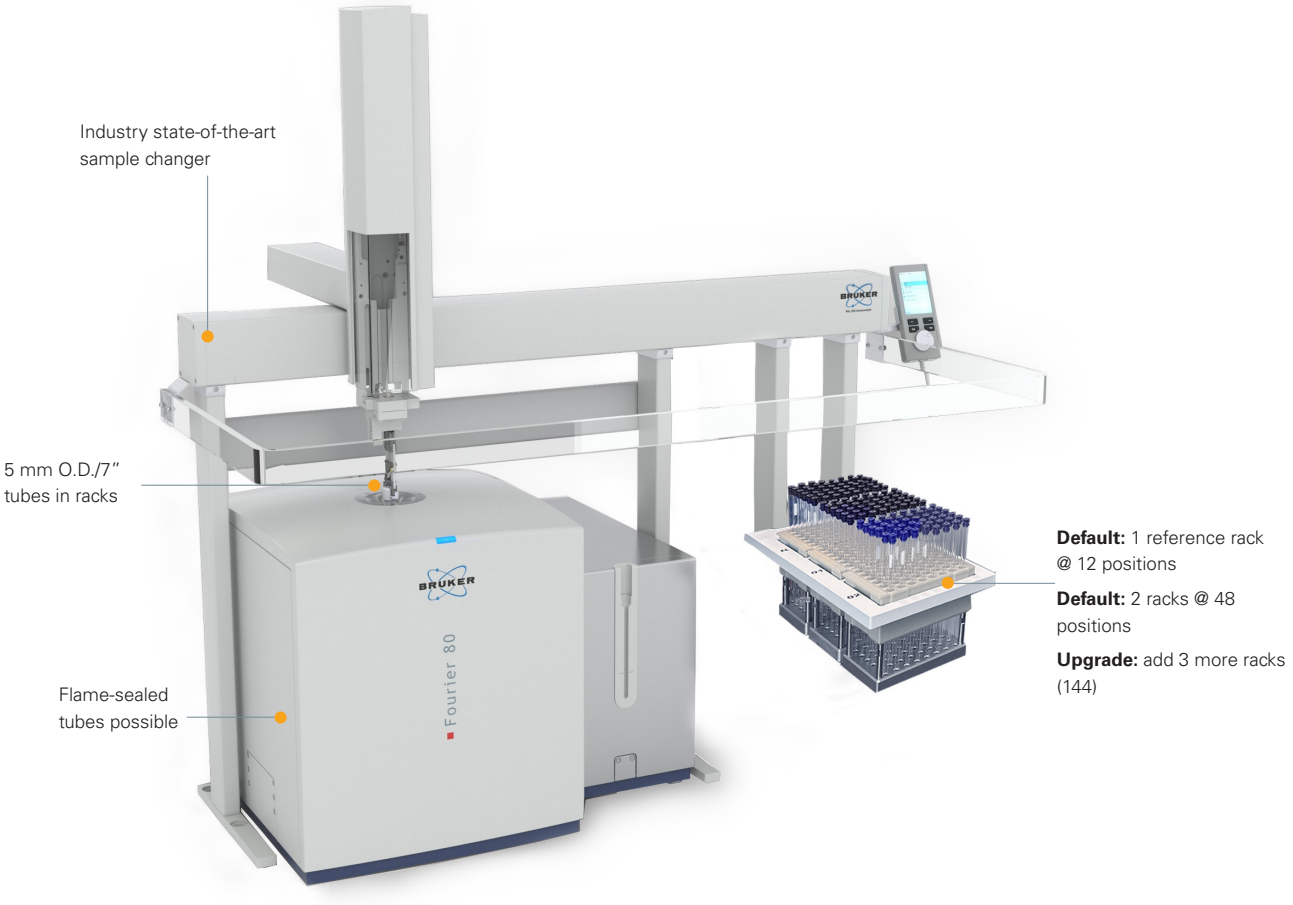
The Fourier 80 Automation Suite enables automated sample handling for routine NMR workflows. It combines flexible sample capacity, temperature control, and reliable operation in one compact benchtop solution.

Features

- Room temperature sample handling
- Optional cooling and heating for temperature-sensitive samples
- Barcode reader for automated sample identification
- User-defined waste area
- Flexible system expandable for larger sample batches

Benefits

- **More samples per shift**
  Queue large batches and run unattended (overnight/weekends)
- **Method integrity**
  Cooling/heating options help keep samples in spec
- **Fewer mistakes and reruns**
  Barcode-driven ID reduces misloads and mix-up
- **Cleaner, safer operation**
  User-defined waste area supports your lab's SOPs and layout



New Rack Configuration:

The new rack configuration keeps the same overall autosampler footprint while increasing room temperature capacity and introducing individually standing tubes.

Standard configuration:
- 1 × 12-position reference rack
- 2 × 48 room temperature positions
- Total: 108 positions

Upgrade option:
- Upgrade with another tray holder with 3 × 48 positions
- Total upgrade capacity: 252 positions

What is new:
- All tubes are now standing individually
- Additional cooling unit (optional and upgradeable at any later stage)
- Additional heater unit (optional and upgradeable at any later stage)
- Barcode reader (optional and upgradeable at any later stage)

252 positions not enough? Let's talk about a configuration tailored to your workflow.

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