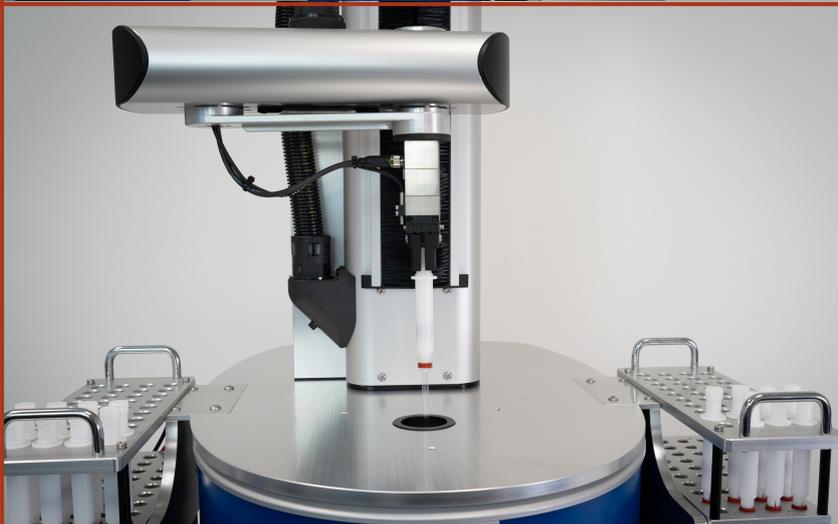


Spinsolve Advanced Autosampler

High throughput sample measurements with fully automated temperature-controlled sample changer on any Spinsolve



Technical Features and Specifications

- Capacity: 2 sample racks with 40 slots each - 80 slots total
- Sample tubes: Standard 5-mm OD, 7-inch long NMR tubes
- Sample temperature control: ambient to 60 °C, built-in electrical heating
- Operation Software: Spinsolve software add-on with permanent license, easy protocol queue up and processing
- Compatible with all Spinsolve models, flow cell setup, and manual loading
- Safe operation: integrated load measurement with auto-stop on overload or obstruction
- Dimensions including Spinsolve approx. 38"x28"x22" (HxWxL)
- Input Voltage: 110/220 V
- USB connection to spectrometer's computer

Spinsolve

Intuitive software interface fully integrated in the Spinsolve software

Sample slots

- Protocols for each sample are added to the queue with a single click
- New samples can be added/removed while the queue is running
- A preset series of experiments can be loaded from a previously saved list

The screenshot displays the Spinsolve software interface. At the top, there is a red header bar with navigation icons (MENU, 1H, 13C 43 MHz, 13C, 19F, 31P, qNMR, SYSTEM, SCRIPTS, QUEUE) and connection status (CONNECTED TO SPA1029 80 CARBON). Below the header, a control panel shows 'SAMPLE CHANGE DELAY' (00:05:00), 'NEW PROTOCOL DELAY' (00:00:30), 'AUTOSAMPLER QUEUE', and 'INSERT RUNNING' with 'STOP' and 'EMERGENCY' buttons. A row of 20 colored slots (1-20) represents the sample queue. The main area is divided into three sections: a 'Queue of protocols for each sample' table, a 'Spinsolve' parameters panel for '1D CARBON+ WALTZ', and a 'Data window' showing a 'Spectrum Scan [3003/8192]' plot. The plot shows Amplitude vs. ppm (200 to 0) with data saved in 'c:\projects\data\2018\12\05\130105-1D CARBON+ WALTZ-Extrasyn S7'.

Slot	Protocol	StartTime	EndTime
1	SHIM++	12:53:27	12:55:54
7	1D CARBON+ WALTZ	13:01:05	22:07:13
1	SHIM++	13:01:24	13:01:24
7	DEPT WALTZ	13:06:54	15:57:34
1	SHIM++	16:03:04	16:03:04
7	HSQC-ME-WALTZ	16:08:34	18:26:20
1	SHIM++	18:31:50	18:31:50
	COSY 2D	18:37:20	19:15:40
	1D EXTENDED+	19:16:10	19:16:25
	1D EXTENDED+	19:16:55	19:20:55
	1D EXTENDED+	19:21:25	19:29:25
1	SHIM++	19:34:55	19:34:55
	1D EXTENDED+	19:40:25	19:41:05
8	COSY+	19:41:35	20:16:01
	1D CARBON+ WALTZ	20:16:31	01:57:51
1	SHIM++	02:03:21	02:03:21
8	HSQC-ME-WALTZ	02:08:51	06:42:37
1	SHIM++	06:48:07	06:48:07
	HMBC WALTZ	06:53:37	11:27:13
1	SHIM++	11:32:43	11:32:43

Queue of protocols for each sample

- Easy view of the history of completed and future protocols in the queue
- The sample queue can be modified at any time to change the order in which the samples are measured
- The order of protocols can be easily changed by dragging them up or down

Data window

Data is displayed for running and completed experiments

Experiment parameters

The individual parameters for each experiment are defined when the protocols are loaded and they are displayed during data acquisition

Contact us now for a quote, to request a demo or to measure your samples

Email: sales@magritek.com

Website: www.magritek.com/contact-us

GERMANY +49 241 9278 7270

UNITED STATES +1 855 667 6835

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