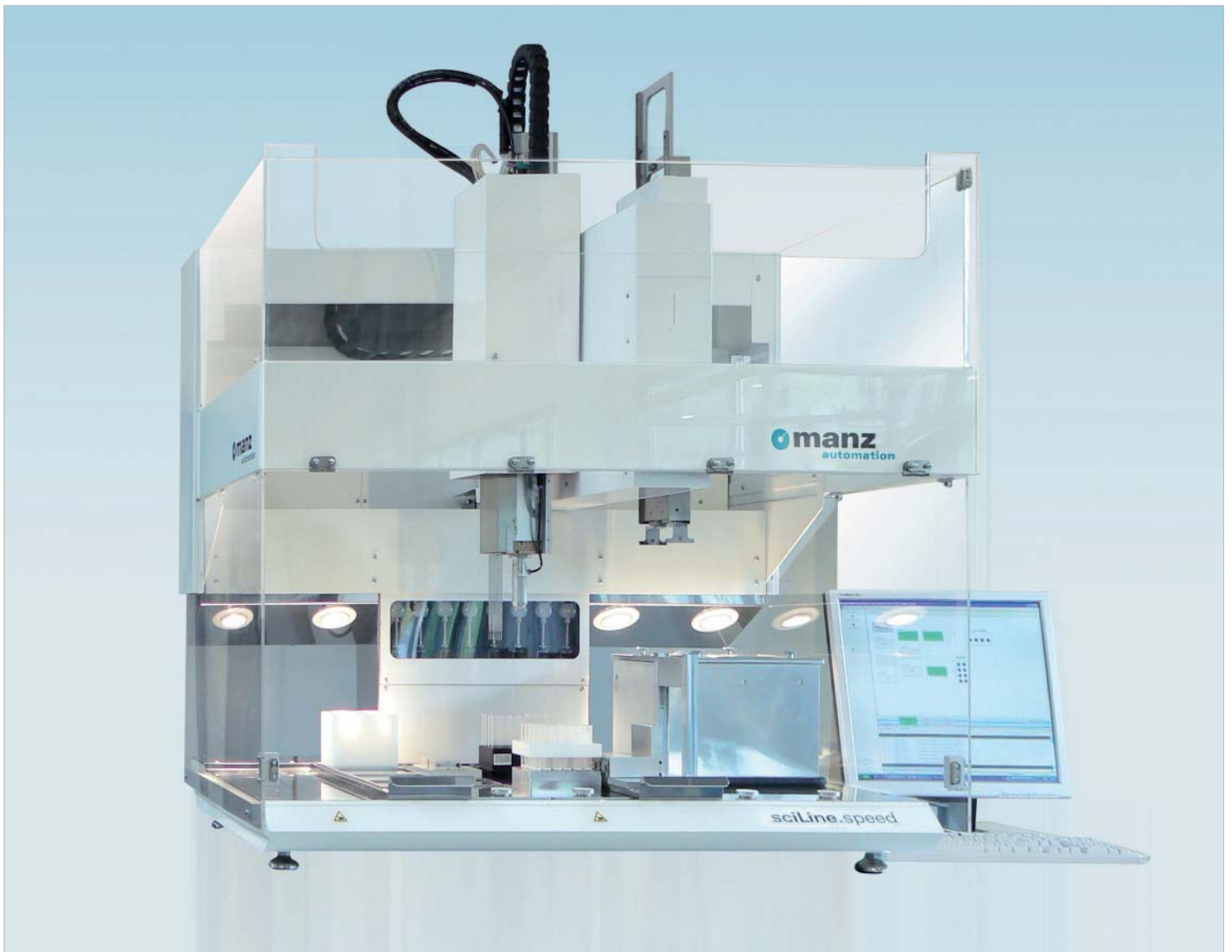


sciLine.speed Sample Preparation Platform

Automated Sample Preparation and Reformatting



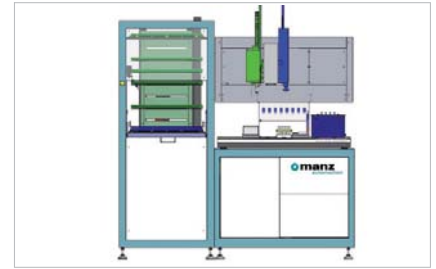
- Fully automated sample preparation with weigh-in, dissolution, filtration and dilution
- High throughput and reliability by use of powerful components from industrial automation
- High sample capacity through automated sample storage



Readily prepared sample vials in auto-sampler racks



Microdos powder dispensing module for weigh-in of solid samples



sciLine.speed Sample Preparation Platform with storage module for high sample capacity

TECHNICAL SPECIFICATIONS

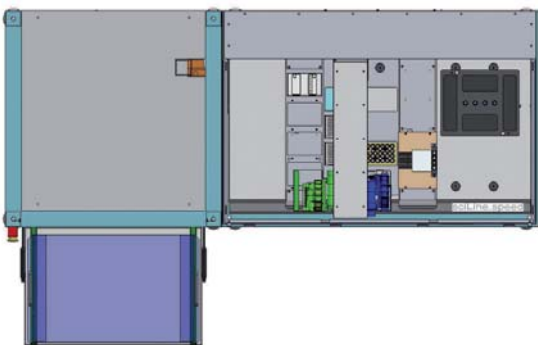
sciLine.speed	
Dimensions (B x T x H), inclusive table	ca. 180 × 80 × 230 cm
weight	ca. 220 kg depending on module configuration
Automated Functions	Identification of samples via barcode or datamatrix code
	Precise weigh-in of solid and liquid samples
	Dissolution with ultrasonic shaker or magnetic stirrer
	Aliquoting and dilution
	Transfer into autosampler vials and microplates
	Direct coupling with HPLC, GC, etc.
	Data link to LIMS and ERP systems
	GxP compliant logging of sample and process data

Application Areas

- Sample Preparation
- Reformatting
- Formulation

Components

- sciLine.speed laboratory robot platform with up to 8 liquid-handling channels
- Gripper for vials and microplates
- Microdos powder dispensing module
- Balance module
- Ultrasonic shaker module
- Filtration module
- Labelling module
- Racks for sample vials, dissolution vials and autosampler vials



Layout of the sciLine.speed Sample Preparation Platform with ultrasonic shaker module, filtration module, and vial racks