

A close-up photograph of a person wearing blue nitrile gloves. The person is holding a clear plastic test tube with a blue cap. The test tube contains a red liquid. The background is blurred, showing a white surface, possibly a lab bench. The text is overlaid on the image in white boxes.

Resolvex[®] A100:

Semi-automated positive

pressure processor.

**AUTOMATED LIQUID DISPENSING FROM THE LEADER
IN AUTOMATED PROCESSING**



Resolvex A100.

STANDALONE WORKSTATION FOR POSITIVE PRESSURE SAMPLE EXTRACTION

The Resolvex A100 is a compact, benchtop automation system for solid phase extraction (SPE) sample preparation. Designed to operate various methods with a single unit at the touch of a button, its intuitive touchscreen ensures easy operation and allows seamless integration into your laboratory.

The system provides an automated processing solution for 96-well plates OR 1, 3 OR 6 ml SPE cartridges. Its universal design offers the flexibility to work with SPE products from various providers, processing one to 96 samples per run using multiple solvents to fit your existing methods and laboratory workflow.

Applications:

- Analyte clean-up and enrichment for therapeutic drug monitoring, drug screening and other clinical chemistry workflows
- Life sciences research
- Food safety testing
- Environmental monitoring

Resolvex A100 (available in 48- and 96-position formats)

- Resolvex A100 48 allows batch processing of up to 48 loose 3 or 6 ml SPE cartridges, with an optional 1 ml adaptor available. It also allows elution directly into standard 12x32mm autosampler vials for a quicker transition to LCMS or GCMS autosamplers.
- Resolvex A100 96 accommodates 96-well plates or individual 1 ml columns
- Both models provide precise dispensing of up to 11 different solvents, from water to hexane
- Multiple rack selections and a collection tray are available, providing the flexibility to meet different method requirements
- Programmable, easy to use pressure profiles provide precise, reproducible and robust results
- Compatible with many brands of 96-well plates, and flangeless 1, 3, and 6 ml SPE tubes
- Safety light curtain minimize risk of injury to user
- Highthroughput processing for large batches of samples
- Flexibility to switch between solvents and methods without switching bottles
- Process from just one sample up to 96 samples simultaneously
- Precise and reproducible automated solvent dispensing in multiple sample prep steps thus minimizes manual intervention



Resolvex A100 48



Resolvex A100 96



1. Automated liquid dispenser

- Dual-axis, motion-controlled dispense head
- Accurate delivery of solvents
- Connection of up to 11 solvents at a time

2. Intuitive touchscreen

- Programmable solvent dispensing
- Precise pressure profile for accurate and optimized flow control
- Ability to program and run multiple methods on a single system

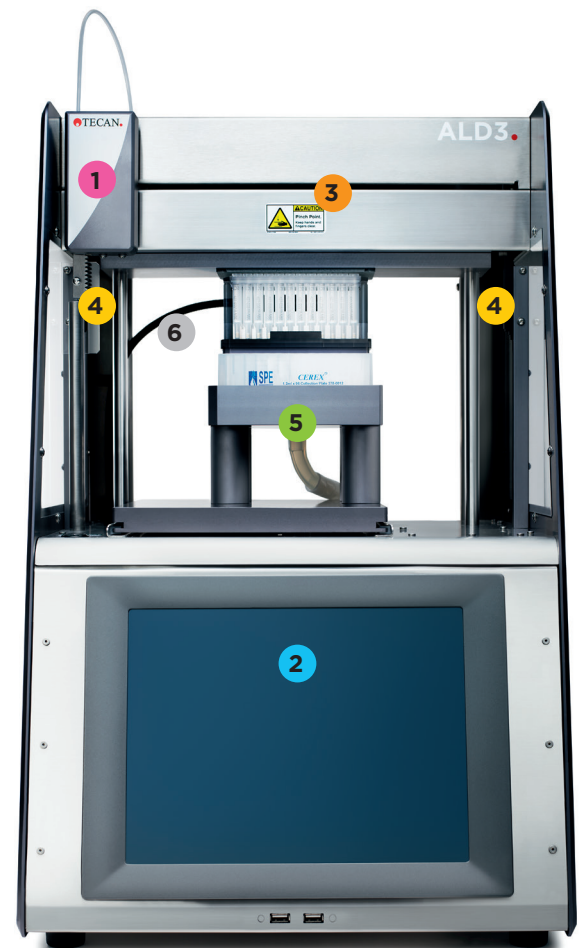
- ### 4. Safety light curtain detects presence of objects to prevent possible damage or injury

3. Positive pressure manifold

- Use of positive gas pressure provides maximum reproducibility
- Uniform pressure processing across columns and plate wells
- Pneumatic clamping system with a dual air flow path ensures consistent and reproducible pressures
- Precise flow control reduces processing times and enhances performance

- ### 5. Large capacity waste reservoirs and drain line to waste bottle eliminate risk of overflow

- ### 6. LED backlight allows user to observe flow during processing



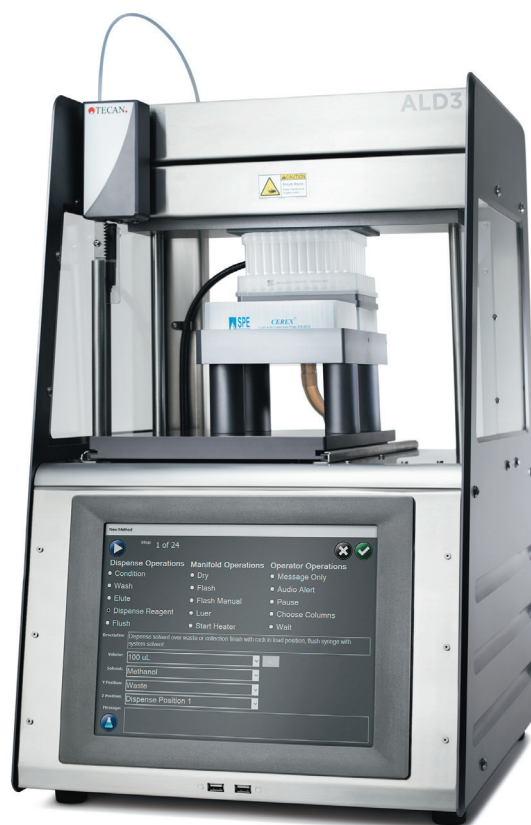
ORDERING INFORMATION:**ResolveX A100**

Part numbers: ResolveX A100 96: 253-0019

ResolveX A100 48: 253-0014


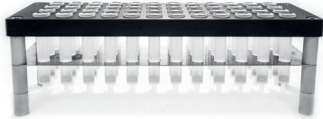

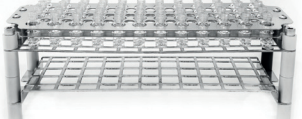
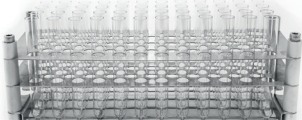
All ResolveX A100 systems are supplied with:

- All tubing, solvent lines, regulators and power cords
- 11 solvent bottles and a bottle holder staircase
- **ResolveX A100 48 only:**
 - 3 or 6 ml A100 SPE column rack (1)
 - Collection rack (selected at purchase) (1)
 - Luer mat peeler kit (1)
 - Luer mat 5/pk (1)
- **ResolveX A100 96 only:**
 - 96-position column rack (2)
 - 96-well waste barrier, 0.75" insert 5/pk (2)
 - Aluminum waste disposal spacer (4)
 - 96-well, pre-slit silicone mat, 10/pk (2)
 - 1.2 ml collection tray (20)



Note: A100 might not be available in all markets. Please contact your local Tecan offices.

RESOLVEX A100 STANDARD RACKS

	Order number:	Description:
	279-0023	SPE column rack for 6 ml columns For 48-position systems For flangeless tubes (if using flanged tubes, not all 48 will fit)
	279-0022	SPE column rack for 3 ml columns For 48-position systems For flangeless tubes (if using flanged tubes, not all 48 will fit)
	30137226	SPE column rack for 1 ml columns For 96-position systems For flangeless tubes (if using flanged tubes, not all 96 will fit)
	279-0017	Collection rack for 12x32 mm autosampler vials For 48-position systems
	279-0014	Collection rack for 10x75 mm tubes For 48-position system (12x75 mm and 16x100 mm tube racks also available, please enquire)

Note: Spacers and rack can also fit other brands of collection plate, please contact your sales rep for more information.

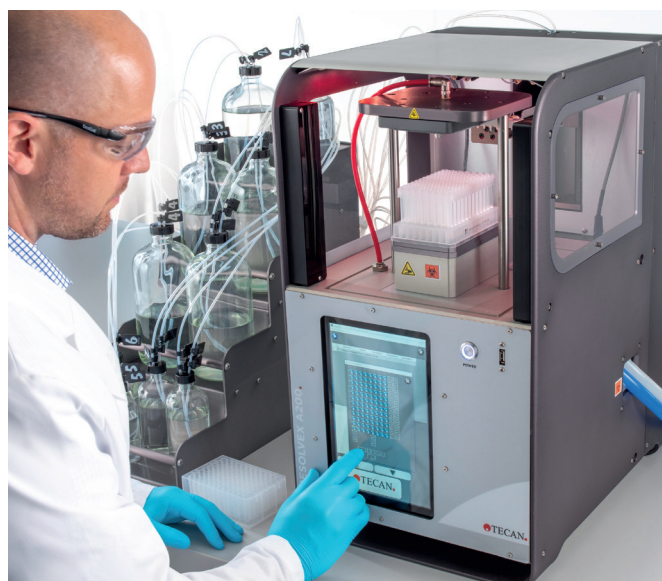
Te-Care™

Tecan is proud to present a complete range of service solutions for your instruments. Te-Care offers a worry-free, one-stop program to regularly maintain your instruments and extend the warranties on your systems. They provide a carefree and quality service to ensure the proper functioning of your instruments and prevent downtime in your workflow.

Te-Care service solutions are available for all Tecan positive pressure systems, including the Resolvex A200, the Resolvex A100 and the Resolvex M10, and the Cerex® IP8, with a rapid response time of less than 48 hours.

Te-Care comes in three offerings to best suit your needs:

- **Te-Care Complete** – a ONE STOP solution to address ALL of your concerns, from maintenance to unscheduled repairs
- **Te-Care Maintenance** – standard scheduled, on-site preventive care
- **Te-Care On-Demand** – on-demand service, paid for as needed



	Yearly on-site preventive maintenance* (with the exception of Resolvex M10 instruments)	'On-site' repairs in case of instrument failures** (with the exception of Resolvex M10 instruments)	Update installations***	Hotline support	48-hour on site response time	Yearly scheduled preventive maintenance (in house at Tecan)	24-hour general response time
Te-Care Complete	•	•	•	•	•		•
Te-Care Maintenance	•		•	•		•	•

* All preventive maintenance work is outlined in the preventive maintenance check list, including travel costs, parts, labor costs and a full-service report. Work will also include other instruments under the agreement.

** On-site repairs and maintenance in case of instrument failure includes parts, travel costs, labor, service repair checklist and service report. For the Resolvex M10 system, work will be conducted on site at Tecan and a loan system may be provided, if available, as needed. This will be shipped by UPS the next day, when your system is shipped to Tecan for repairs.

***Installation updates are completed free of charge during scheduled preventive maintenance visits as they are released for use, including essential hardware, firmware or software updates. Non-Tecan software upgrades may not be included in the coverage.

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