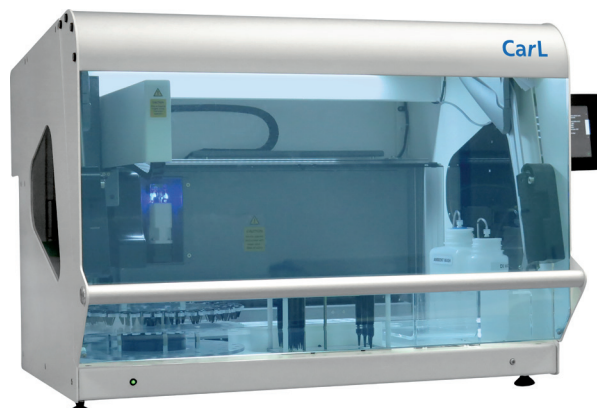


## CarL

Complete automation of *recom*Line strip assays – from sample preparation to result



### Key features

- Walk-Away: Full automation from sample to scanning
- Safe: Barcode identification and LIS connectivity
- Convenient: Integrated drying, 44 strips in one run
- Flexible: Combination of all assays with the same sample incubation time
- Space saving: Integrated camera for scanning
- Minimised dead volume: To save precious reagents
- No cross-contamination: Disposable tips for sample preparation
- Minimal maintenance: No daily startup routine and pump calibration by user required
- Liquid level detection: Pressure sensing technology for samples and reagents
- User-friendly: Guided operation via touch screen

CarL Specifications	
Capacity	Up to 44 samples per run
Power	Universal input 100-240V / 50-60Hz
Sample ID	Integrated barcode reader for sample ID
Carousel for 48 primary tubes	tube size ranging from 12 mm to 17 mm
Integrated Industrial PC	Integrated PC for connection to LIMS and interpretation software
Piston Pump	Volume range 10 µl to 2.5 ml
Peristaltic Pumps	Aspiration and reagent addition
Liquid Level Detection	Pressure sensing technology for samples and reagents
Integrated Camera	Integral camera for image capture of developed strips
Disposable Tips	1 ml and 5 ml disposable tips can be used during the assay
Operator Interface	Integrated touch screen
Footprint	Less than 1000 mm width x 600 mm depth x 650 mm height

## Overview of possible test combinations per run

Protocol	Parameter
Line 1h IgGMA	Borrelia HEV Bordetella Campylobacter Chlamydia CMV EBV Hanta Helicobacter 2.0 HSV Parvovirus Torch Toxoplasma Treponema Yersinia
Line Avi IgGMA	As with Line 1h IgGMA + avidity
Line 3 h	HIV HCV Treponema
BlotON IgG	Rubella
Serum/CSF	Borrelia Serum/CSF
Blot 2h IgG/IgM	Borrelia canis

### Article No.

- 31094 **CarL**  
Fully automated strip processor, 1 instrument incl. PC
- 31100 **Installation and training**
- 21080 **Incubation trays**  
for 44 strips
- 31101 **1 ml disposable tips**  
Tecan compatible, black, 50 boxes with 96 tips
- 31102 **5 ml disposable tips**  
Tecan compatible, black, 10 boxes with 24 tips
- 31103 **Control bottles**  
4 ml, box with 25 pieces, PP
- 31006 **Additional items for strip instrumentation**  
**recomScan**  
Software for the automatic detection and interpretation of MIKROGEN test strips (*recomBlot* and *recomLine*), optional with easy LIS connection, 1 license